1	(0)	1
3	(4, 1, 0)	3
5	(4, 0)	2
7	(4, 3, 2, 1, 1, 0)	6
9	(4, 3, 2, 1, 1, 2, 0)	7
11	(4, 3, 2, 1, 0)	5
13	(4, 3, 0)	3
15	(4, 5, 1, 1, 1, 0)	6
17	(4, 3, 2, 0)	4
19	(4, 3, 2, 1, 3, 1, 0)	7
21	(6, 0)	2
23	(4, 5, 1, 1, 0)	5
25	(4, 3, 2, 1, 3, 1, 2, 0)	8
27	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 1, 0)	42
29	(4, 3, 2, 1, 3, 0)	6
31	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 0)	40
33	(4, 3, 2, 1, 3, 1, 2, 2, 0)	9
35	(4, 5, 1, 0)	4
37	(4, 3, 2, 1, 1, 4, 0)	7
39	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 1, 0)	12
41	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 0)	41
43	(4, 3, 2, 1, 1, 4, 2, 2, 1, 0)	10
45	(4, 3, 2, 3, 0)	5
47	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 0)	39
49	(4, 3, 2, 1, 1, 4, 2, 0)	8
51	(4, 3, 2, 1, 3, 3, 1, 0)	8
53	(4, 5, 0)	3
55	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 0)	42
57	(4, 3, 2, 1, 1, 4, 2, 2, 1, 2, 0)	11
59	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 0)	11

61	(4, 5, 1, 1, 3, 0)	6
63	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 1, 0)	40
65	(4, 3, 2, 1, 1, 4, 2, 2, 0)	9
67	(4, 3, 2, 1, 3, 1, 4, 1, 0)	9
69	(4, 3, 4, 0)	4
71	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 0)	38
73	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 0)	43
75	(8, 2, 1, 0)	4
77	(4, 3, 2, 1, 3, 3, 0)	7
79	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 1, 0)	12
81	(4, 5, 1, 1, 3, 2, 0)	7
83	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 0)	41
85	(8, 0)	2
87	(4, 3, 2, 1, 1, 4, 4, 1, 1, 0)	10
89	(4, 3, 2, 1, 3, 1, 4, 1, 2, 0)	10
91	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 0)	34
93	(4, 5, 1, 3, 0)	5
95	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 0)	39
97	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 0)	44
99	(4, 3, 2, 1, 1, 6, 1, 0)	8
101	(4, 3, 2, 1, 3, 1, 4, 0)	8
103	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 0)	32
105	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 1, 2, 0)	13
107	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 0)	37
109	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 0)	42
111	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 1, 0)	25
113	(8, 2, 0)	3
115	(4, 3, 2, 1, 1, 4, 2, 2, 3, 1, 0)	11
117	(4, 3, 2, 1, 5, 0)	6
119	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 0)	11
121	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 0)	35

123	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 2, 1, 0)	16
125	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 0)	40
127	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 0)	16
129	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 2, 0)	45
131	(4, 3, 2, 1, 1, 4, 4, 1, 0)	9
133	(4, 3, 2, 1, 3, 1, 2, 4, 0)	9
135	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 1, 0)	14
137	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 0)	33
139	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 0)	14
141	(4, 5, 3, 0)	4
143	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 0)	38
145	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 0)	43
147	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 3, 1, 0)	43
149	(4, 3, 2, 1, 1, 6, 0)	7
151	(10, 1, 1, 0)	4
153	(4, 3, 2, 1, 1, 4, 2, 2, 3, 1, 2, 0)	12
155	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 0)	31
157	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 0)	12
159	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 1, 0)	19
161	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 0)	36
163	(4, 5, 1, 1, 5, 1, 0)	7
165	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 4, 0)	41
167	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 0)	24
169	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 0)	17
171	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 1, 0)	46
173	(4, 3, 2, 1, 1, 4, 2, 2, 3, 0)	10
175	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 0)	29
177	(4, 3, 2, 1, 3, 1, 2, 4, 2, 0)	10
179	(4, 3, 2, 1, 3, 1, 4, 3, 1, 0)	10
181	(4, 3, 2, 5, 0)	5
183	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 3, 1, 1, 0)	34

185	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 2, 0)	15
187	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 1, 0)	15
189	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 3, 0)	39
191	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 0)	15
193	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 0)	44
195	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 4, 1, 0)	44
197	(4, 3, 2, 1, 1, 4, 4, 0)	8
199	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 0)	44
201	(10, 1, 1, 2, 0)	5
203	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 0)	13
205	(4, 3, 2, 1, 3, 3, 3, 0)	8
207	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 3, 1, 1, 1, 0)	32
209	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 0)	13
211	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 0)	13
213	(4, 7, 0)	3
215	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 0)	37
217	(4, 5, 1, 1, 5, 1, 2, 0)	8
219	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 1, 2, 1, 0)	18
221	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 3, 0)	42
223	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 1, 0)	25
225	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 2, 0)	18
227	(10, 1, 0)	3
229	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 0)	11
231	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 1, 2, 1, 1, 0)	47
233	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 0)	30
235	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 0)	47
237	(4, 3, 2, 1, 3, 1, 4, 1, 2, 3, 0)	11
239	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 0)	18
241	(4, 3, 2, 5, 2, 0)	6
243	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 1, 0)	35
245	(4, 5, 1, 1, 5, 0)	6

247	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 1, 0)	16
249	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 1, 2, 0)	16
251	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 0)	23
253	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 0)	40
255	(4, 3, 2, 1, 3, 3, 3, 6, 1, 1, 1, 1, 1, 1, 1, 0)	16
257	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 0)	45
259	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 1, 0)	45
261	(4, 3, 2, 1, 1, 4, 2, 4, 0)	9
263	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 0)	28
265	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 0)	45
267	(8, 2, 3, 2, 1, 0)	6
269	(4, 3, 2, 1, 3, 1, 4, 3, 0)	9
271	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 0)	14
273	(4, 3, 2, 1, 3, 3, 3, 2, 0)	9
275	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 3, 1, 0)	33
277	(4, 3, 6, 0)	4
279	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 1, 1, 0)	14
281	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 0)	14
283	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 0)	21
285	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 3, 0)	38
287	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 0)	14
289	(4, 5, 1, 1, 5, 1, 2, 2, 0)	9
291	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 5, 1, 0)	43
293	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 4, 0)	43
295	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 1, 0)	19
297	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 1, 2, 0)	26
299	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 0)	43
301	(8, 2, 3, 0)	4
303	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 1, 1, 0)	14
305	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 0)	12
307	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 0)	12

309	(4, 3, 2, 1, 3, 5, 0)	7
311	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 3, 1, 1, 0)	31
313	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 2, 0)	48
315	(4, 3, 2, 1, 3, 1, 2, 6, 1, 2, 1, 0)	12
317	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 0)	12
319	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 0)	19
321	(4, 3, 2, 5, 2, 2, 0)	7
323	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 0)	36
325	(4, 5, 1, 1, 3, 4, 0)	7
327	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 2, 2, 1, 1, 0)	53
329	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 1, 2, 0)	17
331	(4, 5, 1, 5, 2, 1, 0)	7
333	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 3, 0)	41
335	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 0)	24
337	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 0)	41
339	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 3, 1, 0)	17
341	(10, 0)	2
343	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 0)	46
345	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 1, 2, 0)	46
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389	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 0)	44
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409	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 0)	13
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413	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 3, 0)	32
415	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 0)	49
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465	(4, 3, 2, 1, 1, 4, 4, 1, 3, 2, 0)	11
467	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 3, 1, 0)	30
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473	(4, 3, 2, 1, 3, 1, 2, 6, 1, 2, 0)	11
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489	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 1, 2, 0)	16
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493	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 2, 3, 0)	16
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537	(10, 1, 3, 1, 2, 0)	6
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551	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 0)	14
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647	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 0)	12

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651	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 3, 1, 3, 2, 1, 0)	36
653	(4, 5, 1, 1, 5, 3, 0)	7
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669	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 3, 0)	24
671	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 1, 2, 1, 1, 1, 1, 0)	34
673	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 2, 0)	22
675	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 5, 1, 0)	41
677	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 4, 0)	17
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683	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 0)	12
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691	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 3, 1, 0)	46
693	(4, 3, 2, 1, 1, 4, 2, 2, 5, 0)	10
695	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 0)	46
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699	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 1, 2, 1, 0)	22
701	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 3, 0)	29

703	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 2, 2, 1, 1, 1, 1, 1, 0)	63
705	(4, 3, 2, 1, 1, 6, 3, 2, 2, 0)	10
707	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 4, 1, 0)	46
709	(4, 3, 2, 1, 3, 1, 2, 4, 4, 0)	10
711	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 1, 0)	22
713	(8, 2, 5, 1, 1, 2, 0)	7
715	(10, 1, 1, 4, 2, 1, 0)	7
717	(4, 3, 2, 1, 3, 1, 4, 3, 3, 0)	10
719	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 0)	17
721	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 3, 2, 0)	15
723	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 3, 1, 0)	15
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727	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 4, 1, 1, 0)	15
729	(4, 3, 2, 1, 3, 3, 5, 1, 2, 0)	10
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733	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 3, 1, 3, 0)	34
735	(4, 3, 2, 1, 1, 4, 4, 1, 5, 3, 1, 1, 1, 1, 0)	15
737	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 2, 2, 0)	51
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745	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 2, 2, 1, 1, 1, 2, 0)	32
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749	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 0)	15
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759	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 3, 1, 1, 0)	20
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765	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 3, 0)	15
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775	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 2, 2, 1, 3, 2, 1, 1, 0)	56
777	(4, 3, 8, 1, 2, 2, 1, 1, 2, 0)	10
779	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 1, 2, 3, 2, 1, 0)	20
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783	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 8, 1, 1, 1, 0)	44
785	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 3, 3, 2, 0)	44
787	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 1, 0)	20
789	(4, 3, 2, 1, 1, 4, 6, 0)	8
791	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 5, 1, 1, 0)	27
793	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 3, 1, 2, 0)	27
795	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 3, 1, 1, 1, 1, 1, 1, 2, 1, 0)	37
797	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 3, 0)	44
799	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 3, 1, 3, 2, 1, 1, 1, 1, 0)	25
801	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 4, 1, 2, 2, 0)	20
803	(8, 2, 5, 1, 0)	5
805	(10, 1, 1, 4, 0)	5
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809	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 0)	15
811	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 2, 2, 1, 0)	49

813	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 3, 0)	13
815	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 4, 3, 2, 2, 1, 1, 1, 0)	49
817	(4, 3, 2, 1, 1, 4, 2, 2, 3, 1, 4, 2, 0)	13
819	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 3, 1, 0)	13
821	(4, 3, 2, 1, 3, 3, 5, 0)	8
823	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 0)	49
825	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 3, 3, 2, 1, 2, 2, 1, 2, 0)	49
827	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 0)	13
829	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 3, 1, 1, 3, 0)	32
831	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 3, 1, 1, 1, 1, 1, 0)	49
833	(4, 3, 2, 1, 7, 2, 2, 0)	8
835	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 4, 1, 0)	49
837	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 4, 0)	13
839	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 2, 2, 1, 1, 0)	30
841	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 1, 2, 0)	13
843	(4, 3, 2, 1, 3, 1, 4, 1, 2, 5, 2, 1, 0)	13
845	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 3, 0)	13
847	(10, 1, 1, 4, 2, 3, 1, 1, 1, 0)	10
849	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 2, 0)	20
851	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 3, 1, 0)	20
853	(4, 9, 0)	3
855	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 4, 1, 1, 0)	18
857	(4, 3, 2, 5, 4, 1, 2, 0)	8
859	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 2, 2, 1, 1, 2, 1, 0)	54
861	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 3, 0)	37

863	(4, 3, 2, 1, 3, 3, 3, 6, 1, 1, 1, 1, 0)	13
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867	(4, 5, 1, 1, 3, 6, 1, 0)	8
869	(4, 5, 1, 1, 5, 1, 4, 0)	8
871	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 3, 3, 4, 1, 2, 1, 2, 4, 2, 1, 1, 1, 1, 1, 2, 1, 1, 1, 1, 1, 2, 1, 1, 0)	66
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877	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 1, 2, 3, 0)	18
879	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 4, 3, 1, 2, 1, 1, 1, 0)	54
881	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 0)	42
883	(4, 5, 1, 5, 2, 3, 1, 0)	8
885	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 5, 0)	42
887	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 3, 1, 1, 0)	18
889	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 1, 2, 1, 1, 1, 2, 1, 2, 0)	54
891	(10, 1, 1, 4, 2, 3, 1, 1, 1, 2, 2, 1, 2, 1, 0)	15
893	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 3, 0)	25
895	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 3, 1, 1, 1, 1, 1, 1, 0)	35
897	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 2, 2, 0)	23
899	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 4, 1, 0)	42
901	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 0)	18
903	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 5, 2, 1, 1, 0)	42
905	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 1, 2, 1, 1, 2, 0)	23
907	(4, 3, 2, 1, 3, 3, 3, 6, 1, 1, 1, 1, 1, 1, 3, 2, 1, 0)	18
909	(10, 3, 0)	3
911	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 0)	13
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915	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 3, 1, 0)	47
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921	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 3, 1, 2, 0)	47
923	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 1, 2, 5, 1, 1, 1, 2, 1, 0)	23
925	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 1, 2, 1, 3, 0)	47
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929	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 3, 3, 2, 1, 2, 2, 0)	47
931	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 0)	11
933	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 4, 0)	30
935	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 0)	47
937	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 2, 2, 1, 1, 1, 1, 1, 2, 0)	64
939	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 3, 1, 2, 2, 2, 1, 0)	30
941	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 3, 0)	47
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953	(10, 1, 1, 4, 2, 1, 2, 0)	8
955	(10, 1, 3, 3, 1, 2, 1, 0)	8
957	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 3, 0)	18
959	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 5, 3, 2, 1, 1, 2, 1, 2, 1, 1, 1, 1, 1, 0)	47
961	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 3, 2, 2, 0)	16
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965	(4, 3, 2, 5, 4, 0)	6
967	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 2, 2, 1, 1, 0)	52
969	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 4, 1, 1, 2, 0)	16
971	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 0)	11

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975	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 3, 1, 1, 1, 0)	52
977	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 3, 1, 3, 2, 0)	35
979	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 3, 1, 0)	16
981	(4, 5, 1, 1, 7, 0)	6
983	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 4, 1, 1, 0)	52
985	(4, 3, 8, 1, 2, 0)	6
987	(4, 3, 2, 1, 7, 4, 1, 1, 2, 1, 0)	11
989	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 0)	16
991	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 1, 3, 1, 1, 1, 1, 0)	35
993	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 2, 2, 1, 1, 1, 2, 2, 0)	33
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1003	(10, 1, 1, 4, 2, 3, 1, 1, 1, 2, 2, 1, 0)	13
1005	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 3, 0)	23
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1009	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 5, 2, 0)	40
1011	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 3, 1, 0)	21
1013	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 5, 0)	40
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1017	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 2, 2, 1, 1, 2, 1, 2, 1, 2, 0)	57
1019	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 1, 2, 1, 0)	21
1021	(4, 3, 2, 1, 3, 3, 3, 6, 1, 1, 1, 1, 1, 1, 3, 0)	16
1023	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 4, 1, 1, 1, 1, 1, 1, 1, 1, 1, 0)	21
1025	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 0)	11

1027	(4, 5, 1, 1, 5, 1, 2, 2, 4, 1, 0)	11
1029	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 4, 0)	45
1031	(4, 5, 1, 1, 5, 3, 3, 2, 1, 1, 0)	11
1033	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 2, 2, 1, 3, 2, 1, 1, 2, 0)	57
1035	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 5, 3, 2, 1, 0)	45
1037	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 3, 0)	45
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1041	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 4, 3, 2, 0)	45
1043	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 0)	45
1045	(4, 3, 2, 1, 1, 4, 2, 6, 0)	9
1047	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 3, 5, 1, 1, 0)	45
1049	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 1, 2, 0)	21
1051	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 4, 1, 1, 1, 2, 1, 1, 1, 1, 2, 1, 0)	33
1053	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 3, 0)	28
1055	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 2, 2, 1, 1, 1, 1, 0)	62
1057	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 3, 1, 2, 2, 0)	28
1059	(4, 3, 2, 1, 1, 6, 5, 1, 0)	9
1061	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 4, 0)	45
1063	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 0)	26
1065	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 3, 1, 3, 2, 1, 1, 1, 1, 2, 0)	26
1067	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 0)	21
1069	(8, 2, 3, 2, 3, 0)	6
1071	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 2, 2, 1, 1, 2, 1, 2, 3, 1, 2, 2, 1, 1, 1, 0)	62
1073	(10, 1, 1, 4, 2, 0)	6
1075	(10, 1, 3, 3, 1, 0)	6
1077	(4, 3, 2, 1, 3, 1, 4, 5, 0)	9
1079	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 0)	16

1081	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 2, 2, 1, 2, 0)	50
1083	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 4, 1, 2, 1, 0)	50
1085	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 3, 0)	14
1087	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 4, 3, 4, 1, 1, 1, 1, 1, 0)	50
1089	(4, 3, 2, 1, 1, 4, 2, 2, 3, 1, 4, 2, 2, 0)	14
1091	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 4, 1, 0)	14
1093	(4, 3, 2, 1, 3, 3, 3, 4, 0)	9
1095	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 1, 3, 1, 2, 2, 1, 2, 2, 1, 1, 0)	26
1097	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 0)	50
1099	(4, 3, 2, 1, 3, 7, 2, 1, 0)	9
1101	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 3, 3, 0)	33
1103	(4, 3, 2, 1, 1, 4, 4, 1, 5, 3, 1, 1, 1, 0)	14
1105	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 3, 1, 1, 3, 2, 0)	33
1107	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 3, 1, 0)	50
1109	(4, 3, 8, 0)	4
1111	(4, 3, 2, 1, 7, 4, 1, 1, 0)	9
1113	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 4, 1, 2, 0)	50
1115	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 1, 1, 2, 1, 0)	33
1117	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 1, 3, 0)	14
1119	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 4, 1, 1, 1, 1, 0)	31
1121	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 1, 2, 2, 0)	14
1123	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 1, 6, 1, 0)	14
1125	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 4, 0)	14
1127	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 1, 2, 1, 1, 0)	50

1129	(10, 1, 1, 4, 2, 3, 1, 1, 1, 2, 0)	11
1131	(10, 1, 3, 3, 1, 2, 1, 2, 2, 1, 0)	11
1133	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 0)	21
1135	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 1, 5, 1, 2, 1, 2, 1, 1, 1, 0)	21
1137	(4, 9, 2, 0)	4
1139	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 3, 1, 0)	19
1141	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 5, 0)	38
1143	(4, 3, 2, 5, 4, 3, 1, 1, 0)	9
1145	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 2, 2, 1, 1, 2, 1, 2, 0)	55
1147	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 1, 0)	19
1149	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 3, 0)	14
1151	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 0)	19
1153	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 1, 2, 2, 2, 0)	55
1155	(4, 5, 1, 1, 3, 4, 4, 1, 0)	9
1157	(4, 5, 1, 1, 5, 1, 2, 4, 0)	9
1159	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 1, 4, 2, 1, 1, 0)	19
1161	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 3, 3, 4, 1, 2, 1, 2, 4, 2, 1, 1, 1, 1, 1, 2, 1, 1, 1, 1, 1, 2, 1, 1, 2, 0)	67
1163	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 2, 2, 1, 3, 2, 1, 0)	55
1165	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 5, 3, 0)	43
1167	(4, 3, 8, 1, 4, 1, 1, 1, 0)	9
1169	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 1, 2, 3, 2, 0)	19
1171	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 1, 3, 1, 0)	19
1173	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 6, 0)	43
1175	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 8, 1, 1, 0)	43
1177	(4, 5, 1, 5, 2, 3, 1, 2, 0)	9
1179	(4, 3, 2, 1, 3, 1, 2, 4, 6, 1, 2, 2, 2, 1, 1, 1, 2, 1, 0)	19
1181	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 0)	19

1183	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 4, 1, 1, 1, 2, 1, 1, 1, 1, 0)	31
1185	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 1, 2, 1, 1, 1, 2, 1, 2, 2, 0)	55
1187	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 5, 1, 0)	26
1189	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 1, 4, 0)	26
1191	(10, 1, 3, 3, 1, 2, 1, 4, 1, 1, 2, 1, 2, 1, 1, 0)	16
1193	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 3, 1, 1, 1, 1, 1, 1, 2, 0)	36
1195	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 5, 2, 2, 2, 1, 0)	43
1197	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 3, 0)	43
1199	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 3, 1, 3, 2, 1, 1, 1, 0)	24
1201	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 0)	19
1203	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 4, 3, 1, 0)	19
1205	(8, 2, 5, 0)	4
1207	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 1, 2, 1, 3, 1, 1, 0)	24
1209	(4, 3, 2, 1, 3, 3, 3, 6, 1, 1, 1, 1, 1, 1, 3, 2, 1, 2, 0)	19
1211	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 1, 2, 1, 0)	24
1213	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 1, 3, 0)	14
1215	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 1, 4, 3, 2, 1, 1, 1, 1, 1, 0)	60
1217	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 2, 2, 0)	48
1219	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 4, 1, 0)	48
1221	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 4, 0)	12
1223	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 4, 3, 2, 2, 1, 1, 0)	48
1225	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 0)	48
1227	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 1, 4, 2, 1, 0)	48
1229	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 3, 0)	12

1231	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 1, 2, 5, 1, 1, 3, 1, 1, 1, 0)	24
1233	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 1, 2, 1, 3, 2, 0)	48
1235	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 0)	48
1237	(4, 3, 2, 1, 3, 7, 0)	7
1239	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 3, 3, 2, 1, 4, 1, 1, 0)	48
1241	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 0)	12
1243	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 3, 1, 1, 2, 1, 0)	24
1245	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 3, 1, 3, 0)	31
1247	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 3, 1, 1, 1, 1, 0)	48
1249	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 2, 2, 1, 1, 1, 1, 1, 2, 2, 0)	65
1251	(4, 3, 2, 1, 9, 1, 0)	7
1253	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 4, 0)	48
1255	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 1, 1, 0)	31
1257	(4, 3, 2, 1, 1, 10, 2, 1, 1, 1, 2, 0)	12
1259	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 2, 2, 1, 0)	29
1261	(4, 3, 2, 1, 3, 1, 2, 6, 1, 2, 3, 0)	12
1263	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 2, 2, 1, 4, 5, 1, 1, 2, 2, 1, 1, 1, 1, 1, 1, 2, 1, 1, 1, 0)	65
1265	(4, 3, 2, 1, 3, 1, 4, 1, 2, 5, 2, 0)	12
1267	(8, 2, 5, 1, 1, 2, 3, 1, 0)	9
1269	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 5, 0)	12
1271	(10, 1, 1, 4, 2, 3, 1, 1, 0)	9
1273	(10, 1, 3, 3, 1, 2, 1, 2, 0)	9
1275	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 1, 2, 1, 0)	29
1277	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 3, 0)	19

1279	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 5, 3, 2, 1, 1, 2, 3, 1, 1, 1, 1, 1, 1, 1, 0)	48
1281	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 3, 2, 2, 2, 0)	17
1283	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 4, 1, 0)	17
1285	(4, 3, 2, 5, 2, 4, 0)	7
1287	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 4, 3, 2, 2, 1, 1, 1, 3, 2, 1, 1, 0)	53
1289	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 2, 2, 1, 1, 2, 0)	53
1291	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 0)	17
1293	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 3, 0)	36
1295	(4, 3, 2, 1, 3, 3, 3, 6, 1, 1, 1, 0)	12
1297	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 3, 2, 0)	36
1299	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 3, 1, 0)	53
1301	(4, 5, 1, 1, 3, 6, 0)	7
1303	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 3, 1, 5, 1, 1, 0)	36
1305	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 3, 1, 2, 0)	17
1307	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 3, 3, 4, 1, 2, 1, 2, 4, 2, 1, 1, 1, 1, 1, 2, 1, 1, 1, 1, 1, 2, 1, 0)	65
1309	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 2, 2, 1, 3, 0)	53
1311	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 3, 1, 5, 2, 1, 1, 1, 1, 0)	36
1313	(4, 3, 8, 1, 2, 2, 0)	7
1315	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 2, 5, 1, 0)	17
1317	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 1, 4, 0)	17
1319	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 4, 3, 1, 2, 1, 1, 0)	53
1321	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 1, 3, 1, 1, 1, 1, 2, 0)	36
1323	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 1, 3, 2, 2, 1, 0)	17
1325	(4, 5, 1, 5, 2, 3, 0)	7

1327	(4, 3, 2, 1, 3, 1, 2, 4, 6, 1, 2, 2, 2, 1, 1, 1, 0)	17
1329	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 1, 4, 2, 0)	17
1331	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 3, 1, 0)	17
1333	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 0)	41
1335	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 1, 2, 1, 1, 3, 1, 1, 0)	53
1337	(10, 1, 1, 4, 2, 3, 1, 1, 1, 2, 2, 1, 2, 0)	14
1339	(4, 5, 7, 1, 2, 1, 0)	7
1341	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 3, 0)	24
1343	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 3, 1, 1, 1, 1, 1, 0)	34
1345	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 5, 2, 2, 0)	41
1347	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 4, 1, 0)	22
1349	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 4, 0)	41
1351	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 4, 1, 2, 3, 2, 1, 1, 1, 2, 2, 1, 1, 0)	58
1353	(4, 3, 2, 5, 4, 1, 2, 3, 1, 1, 2, 0)	12
1355	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 5, 2, 1, 0)	41
1357	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 3, 3, 0)	17
1359	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 3, 1, 1, 1, 0)	22
1361	(4, 3, 2, 1, 3, 3, 3, 6, 1, 1, 1, 1, 1, 1, 3, 2, 0)	17
1363	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 1, 0)	22
1365	(12, 0)	2
1367	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 0)	12
1369	(4, 5, 1, 1, 5, 1, 2, 2, 4, 1, 2, 0)	12
1371	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 3, 1, 3, 2, 3, 2, 1, 1, 2, 1, 0)	41
1373	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 3, 0)	46
1375	(4, 5, 1, 1, 5, 3, 5, 1, 1, 1, 1, 0)	12
1377	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 2, 2, 1, 3, 2, 1, 1, 2, 2, 0)	58
1379	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 0)	46
1381	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 1, 4, 0)	46

1383	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 1, 1, 1, 1, 4, 2, 1, 1, 1, 1, 2, 1, 1, 0)	34
1385	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 1, 2, 5, 1, 1, 1, 2, 0)	22
1387	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 1, 3, 1, 2, 2, 1, 0)	22
1389	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 1, 2, 3, 0)	46
1391	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 1, 3, 1, 1, 1, 1, 4, 1, 2, 1, 1, 1, 0)	41
1393	(4, 3, 2, 1, 1, 4, 2, 6, 2, 0)	10
1395	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 3, 3, 2, 3, 1, 0)	46
1397	(4, 3, 2, 1, 1, 4, 4, 1, 5, 0)	10
1399	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 3, 1, 1, 0)	22
1401	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 4, 1, 1, 1, 2, 1, 1, 1, 1, 2, 1, 2, 0)	34
1403	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 0)	46
1405	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 5, 1, 1, 1, 3, 0)	29
1407	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 4, 1, 1, 1, 1, 1, 1, 0)	63
1409	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 3, 1, 2, 2, 2, 0)	29
1411	(4, 3, 2, 1, 1, 6, 3, 4, 1, 0)	10
1413	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 4, 0)	46
1415	(4, 3, 2, 1, 1, 10, 2, 1, 1, 0)	10
1417	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 2, 0)	27
1419	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 4, 1, 1, 3, 2, 1, 0)	46
1421	(4, 3, 2, 1, 3, 1, 2, 6, 3, 0)	10
1423	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 4, 1, 1, 1, 0)	22
1425	(8, 2, 3, 2, 3, 2, 0)	7
1427	(8, 2, 5, 1, 3, 1, 0)	7
1429	(4, 3, 2, 1, 3, 1, 4, 1, 6, 0)	10
1431	(10, 1, 1, 6, 1, 1, 0)	7
1433	(10, 1, 3, 3, 1, 2, 0)	7
1435	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 1, 0)	27
1437	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 3, 0)	17
1439	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 5, 3, 2, 1, 1, 2, 1, 2, 1, 1, 1, 1, 0)	46

1441	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 2, 2, 1, 2, 2, 0)	51
1443	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 5, 1, 0)	15
1445	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 4, 0)	15
1447	(4, 5, 1, 1, 5, 3, 3, 2, 1, 1, 3, 2, 1, 2, 1, 1, 0)	17
1449	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 4, 3, 4, 1, 1, 1, 1, 1, 2, 0)	51
1451	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 2, 2, 1, 0)	51
1453	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 0)	15
1455	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 3, 1, 4, 2, 1, 1, 1, 0)	51
1457	(4, 3, 2, 1, 3, 3, 3, 4, 2, 0)	10
1459	(4, 3, 2, 1, 3, 3, 5, 3, 1, 0)	10
1461	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 5, 0)	34
1463	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 3, 1, 1, 0)	51
1465	(4, 3, 2, 1, 3, 7, 2, 1, 2, 0)	10
1467	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 3, 3, 2, 1, 2, 2, 3, 1, 2, 1, 0)	51
1469	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 3, 0)	15
1471	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 3, 3, 4, 1, 2, 1, 2, 4, 2, 1, 1, 1, 1, 1, 2, 1, 1, 1, 1, 1, 0)	63
1473	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 3, 1, 1, 3, 2, 2, 0)	34
1475	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 4, 1, 0)	51
1477	(4, 3, 6, 4, 0)	5
1479	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 5, 1, 1, 1, 3, 2, 2, 2, 1, 1, 0)	34
1481	(4, 3, 2, 1, 7, 4, 1, 1, 2, 0)	10
1483	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 2, 4, 2, 1, 0)	51

1485	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 3, 0)	15
1487	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 1, 3, 1, 1, 1, 0)	34
1489	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 1, 3, 2, 0)	15
1491	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 2, 2, 1, 1, 3, 1, 0)	32
1493	(4, 5, 1, 7, 0)	5
1495	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 1, 4, 1, 1, 0)	15
1497	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 1, 6, 1, 2, 0)	15
1499	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 1, 0)	15
1501	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 3, 1, 3, 0)	15
1503	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 3, 1, 1, 1, 1, 0)	51
1505	(10, 1, 1, 4, 2, 3, 1, 1, 1, 2, 2, 0)	12
1507	(4, 5, 7, 1, 0)	5
1509	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 4, 0)	22
1511	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 1, 2, 1, 1, 0)	32
1513	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 1, 5, 1, 2, 1, 2, 1, 1, 1, 2, 0)	22
1515	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 5, 3, 2, 1, 1, 2, 3, 1, 1, 1, 1, 1, 1, 1, 2, 2, 1, 0)	51
1517	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 3, 0)	20
1519	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 4, 1, 3, 2, 1, 1, 2, 1, 1, 1, 0)	56
1521	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 5, 2, 0)	39
1523	(4, 3, 2, 5, 4, 1, 2, 3, 1, 0)	10
1525	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 5, 0)	39
1527	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 2, 2, 1, 1, 2, 3, 1, 1, 0)	56
1529	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 1, 2, 0)	20
1531	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 4, 1, 3, 1, 2, 1, 2, 1, 0)	20
1533	(4, 3, 2, 1, 3, 3, 3, 6, 1, 1, 1, 1, 1, 3, 0)	15
1535	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 4, 1, 1, 1, 1, 1, 1, 1, 1, 0)	20

1537	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 1, 2, 2, 2, 2, 0)	56
1539	(4, 5, 1, 1, 3, 4, 2, 4, 1, 0)	10
1541	(4, 5, 1, 1, 5, 1, 2, 2, 4, 0)	10
1543	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 3, 1, 3, 2, 3, 2, 1, 1, 0)	39
1545	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 1, 4, 2, 1, 1, 2, 0)	20
1547	(4, 5, 1, 1, 5, 3, 3, 2, 1, 0)	10
1549	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 4, 3, 0)	44
1551	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 2, 2, 1, 5, 1, 1, 1, 0)	56
1553	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 5, 3, 2, 0)	44
1555	(4, 3, 8, 1, 2, 2, 1, 3, 1, 0)	10
1557	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 6, 0)	44
1559	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 1, 2, 5, 1, 1, 0)	20
1561	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 1, 3, 1, 2, 0)	20
1563	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 4, 3, 3, 1, 1, 1, 1, 2, 1, 0)	56
1565	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 0)	44
1567	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 2, 2, 1, 1, 1, 1, 0)	20
1569	(4, 5, 1, 5, 2, 3, 1, 2, 2, 0)	10
1571	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 3, 5, 1, 0)	44
1573	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 1, 4, 0)	20
1575	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 1, 6, 1, 2, 1, 1, 0)	20
1577	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 4, 1, 1, 1, 2, 1, 1, 1, 1, 2, 0)	32
1579	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 0)	44
1581	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 3, 0)	27
1583	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 2, 2, 1, 1, 1, 0)	61
1585	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 1, 4, 2, 0)	27
1587	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 3, 3, 1, 0)	27
1589	(4, 3, 2, 1, 1, 6, 5, 0)	8

1591	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 3, 1, 1, 1, 1, 1, 3, 1, 1, 0)	37
1593	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 5, 2, 2, 2, 1, 2, 0)	44
1595	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 0)	25
1597	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 4, 1, 1, 3, 0)	44
1599	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 3, 1, 5, 1, 1, 1, 1, 1, 0)	25
1601	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 0)	20
1603	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 4, 1, 4, 1, 0)	20
1605	(8, 2, 3, 4, 0)	5
1607	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 2, 2, 1, 1, 2, 1, 2, 3, 1, 2, 2, 1, 1, 0)	61
1609	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 1, 2, 1, 3, 1, 1, 2, 0)	25
1611	(8, 6, 2, 1, 0)	5
1613	(10, 1, 3, 3, 0)	5
1615	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 0)	25
1617	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 1, 3, 2, 0)	15
1619	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 0)	15
1621	(4, 3, 2, 1, 3, 1, 8, 0)	8
1623	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 4, 1, 1, 0)	49
1625	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 4, 1, 2, 0)	49
1627	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 1, 4, 2, 1, 3, 1, 2, 1, 1, 2, 1, 0)	25
1629	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 3, 0)	13
1631	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 4, 3, 4, 1, 1, 1, 1, 0)	49
1633	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 2, 0)	49
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1637	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 4, 0)	13
1639	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 1, 1, 1, 1, 4, 2, 1, 1, 1, 3, 1, 1, 1, 2, 1, 1, 0)	37
1641	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 1, 2, 5, 1, 1, 3, 1, 1, 1, 2, 0)	25

1643	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 1, 3, 1, 2, 2, 1, 2, 2, 1, 0)	25
1645	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 1, 2, 3, 0)	49
1647	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 8, 2, 1, 2, 1, 1, 1, 0)	49
1649	(4, 3, 2, 1, 3, 7, 2, 0)	8
1651	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 3, 3, 2, 1, 2, 2, 3, 1, 0)	49
1653	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 5, 0)	32
1655	(4, 3, 2, 1, 1, 4, 4, 1, 5, 3, 1, 1, 0)	13
1657	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 3, 1, 1, 2, 1, 2, 0)	25
1659	(4, 3, 2, 1, 1, 4, 4, 5, 2, 1, 2, 1, 0)	13
1661	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 3, 0)	49
1663	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 1, 1, 1, 1, 0)	25
1665	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 2, 2, 1, 1, 1, 1, 1, 2, 2, 2, 0)	66
1667	(4, 3, 2, 1, 7, 4, 1, 0)	8
1669	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 2, 4, 0)	49
1671	(4, 3, 2, 1, 1, 6, 3, 2, 4, 2, 1, 1, 0)	13
1673	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 1, 1, 2, 0)	32
1675	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 4, 1, 3, 2, 1, 0)	49
1677	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 3, 0)	13
1679	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 4, 1, 1, 1, 0)	30
1681	(4, 3, 2, 1, 3, 1, 2, 6, 1, 2, 3, 2, 0)	13
1683	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 3, 1, 0)	13
1685	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 1, 6, 0)	13
1687	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 0)	13
1689	(8, 2, 5, 1, 1, 2, 3, 1, 2, 0)	10

1691	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 1, 2, 1, 0)	49
1693	(10, 1, 1, 4, 2, 1, 2, 1, 3, 0)	10
1695	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 4, 2, 3, 2, 4, 1, 2, 1, 1, 1, 2, 2, 3, 1, 2, 1, 1, 2, 1, 1, 1, 1, 0)	66
1697	(10, 1, 3, 3, 1, 2, 1, 2, 2, 0)	10
1699	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 5, 1, 0)	20
1701	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 4, 0)	20
1703	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 1, 5, 1, 2, 1, 2, 1, 1, 0)	20
1705	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 5, 3, 2, 1, 1, 2, 3, 1, 1, 1, 1, 1, 1, 1, 2, 0)	49
1707	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 2, 2, 1, 2, 2, 2, 2, 1, 0)	54
1709	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 3, 0)	18
1711	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 4, 1, 2, 3, 2, 1, 1, 1, 0)	54
1713	(4, 3, 2, 5, 2, 4, 2, 0)	8
1715	(4, 3, 2, 5, 4, 3, 1, 0)	8
1717	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 5, 0)	37
1719	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 2, 2, 1, 3, 1, 1, 0)	54
1721	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 0)	18
1723	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 4, 1, 3, 1, 2, 1, 0)	18
1725	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 3, 0)	13
1727	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 0)	18
1729	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 3, 2, 2, 0)	37
1731	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 1, 4, 1, 0)	54
1733	(4, 5, 1, 1, 3, 4, 4, 0)	8
1735	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 6, 2, 2, 1, 1, 0)	37
1737	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 3, 1, 5, 1, 1, 2, 0)	37

1739	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 1, 4, 2, 1, 0)	18
1741	(4, 5, 1, 1, 5, 3, 3, 0)	8
1743	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 3, 3, 4, 1, 2, 1, 2, 4, 2, 1, 1, 1, 1, 1, 2, 1, 1, 1, 1, 3, 1, 1, 1, 0)	66
1745	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 2, 2, 1, 3, 2, 0)	54
1747	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 4, 1, 1, 3, 1, 0)	54
1749	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 7, 0)	42
1751	(4, 3, 8, 1, 4, 1, 1, 0)	8
1753	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 2, 5, 1, 2, 0)	18
1755	(4, 3, 2, 1, 7, 4, 1, 3, 1, 1, 2, 1, 0)	13
1757	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 1, 3, 0)	18
1759	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 4, 3, 3, 1, 1, 1, 1, 0)	54
1761	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 1, 3, 1, 1, 1, 1, 2, 2, 0)	37
1763	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 8, 1, 0)	42
1765	(4, 5, 1, 5, 2, 1, 4, 0)	8
1767	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 5, 2, 2, 2, 3, 1, 2, 2, 2, 1, 2, 1, 1, 2, 1, 1, 0)	54
1769	(4, 3, 2, 1, 3, 1, 2, 4, 6, 1, 2, 2, 2, 1, 1, 1, 2, 0)	18
1771	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 1, 4, 1, 1, 2, 2, 1, 0)	18
1773	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 3, 0)	18
1775	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 4, 1, 1, 1, 2, 1, 1, 1, 0)	30
1777	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 0)	42
1779	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 1, 2, 1, 1, 1, 2, 3, 1, 0)	54
1781	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 5, 0)	25
1783	(10, 1, 1, 4, 2, 3, 1, 1, 1, 2, 2, 3, 1, 1, 0)	15
1785	(4, 5, 7, 1, 2, 1, 2, 0)	8
1787	(10, 1, 3, 3, 1, 2, 1, 4, 1, 1, 2, 1, 2, 1, 0)	15

1789	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 1, 2, 1, 1, 1, 1, 3, 0)	35
1791	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 1, 2, 1, 5, 3, 1, 2, 1, 1, 1, 1, 1, 1, 1, 0)	35
1793	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 5, 2, 2, 2, 0)	42
1795	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 0)	23
1797	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 4, 0)	42
1799	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 3, 1, 3, 2, 1, 1, 0)	23
1801	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 4, 1, 2, 3, 2, 1, 1, 1, 2, 2, 1, 1, 2, 0)	59
1803	(4, 3, 2, 5, 4, 1, 2, 1, 2, 3, 2, 1, 0)	13
1805	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 4, 3, 0)	18
1807	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 1, 0)	42
1809	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 3, 3, 2, 0)	18
1811	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 1, 2, 1, 3, 1, 0)	23
1813	(8, 6, 0)	3
1815	(4, 3, 2, 1, 3, 3, 3, 6, 1, 1, 1, 1, 1, 1, 5, 1, 1, 0)	18
1817	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 1, 2, 0)	23
1819	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 2, 2, 1, 5, 1, 2, 1, 2, 3, 2, 1, 2, 2, 2, 3, 1, 1, 2, 1, 1, 1, 1, 1, 3, 2, 1, 1, 1, 1, 1, 1, 1, 1, 1, 2, 1, 0)	59
1821	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 3, 0)	13
1823	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 1, 4, 3, 2, 1, 1, 1, 1, 0)	59
1825	(4, 5, 1, 1, 5, 1, 2, 2, 4, 1, 2, 2, 0)	13
1827	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 5, 1, 0)	47
1829	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 4, 0)	47
1831	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 1, 4, 2, 1, 3, 1, 2, 1, 1, 0)	23
1833	(4, 5, 1, 1, 5, 3, 5, 1, 1, 1, 1, 2, 0)	13
1835	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 4, 3, 2, 2, 1, 0)	47
1837	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 4, 2, 3, 0)	47
1839	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 4, 1, 1, 1, 4, 2, 2, 1, 1, 1, 0)	59
1841	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 1, 4, 2, 0)	47

1843	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 3, 3, 1, 0)	47
1845	(4, 3, 2, 1, 1, 4, 2, 2, 3, 5, 0)	11
1847	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 1, 2, 5, 1, 1, 3, 1, 1, 0)	23
1849	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 1, 3, 1, 2, 2, 1, 2, 0)	23
1851	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 4, 5, 1, 2, 1, 0)	47
1853	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 0)	47
1855	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 1, 3, 1, 1, 1, 1, 4, 3, 1, 1, 1, 1, 1, 0)	42
1857	(4, 3, 2, 1, 1, 4, 2, 6, 2, 2, 0)	11
1859	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 3, 3, 2, 1, 4, 1, 0)	47
1861	(4, 3, 2, 1, 1, 4, 4, 1, 3, 4, 0)	11
1863	(4, 3, 2, 1, 3, 1, 2, 4, 6, 1, 2, 2, 2, 1, 1, 3, 1, 1, 2, 2, 1, 1, 0)	23
1865	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 3, 1, 1, 2, 0)	23
1867	(4, 3, 2, 1, 1, 4, 4, 5, 2, 1, 0)	11
1869	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 3, 3, 0)	30
1871	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 3, 1, 1, 1, 0)	47
1873	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 5, 1, 1, 1, 3, 2, 0)	30
1875	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 2, 2, 1, 1, 1, 1, 3, 1, 0)	64
1877	(4, 3, 2, 1, 9, 0)	6
1879	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 3, 1, 2, 4, 1, 1, 0)	30
1881	(4, 3, 2, 1, 1, 6, 3, 4, 1, 2, 0)	11
1883	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 1, 0)	30
1885	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 4, 1, 3, 0)	47
1887	(4, 3, 2, 1, 1, 12, 1, 1, 1, 1, 0)	11
1889	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 2, 2, 0)	28
1891	(4, 3, 2, 1, 3, 1, 2, 4, 6, 1, 0)	11
1893	(4, 3, 2, 1, 3, 1, 2, 6, 1, 4, 0)	11
1895	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 2, 2, 1, 4, 5, 1, 1, 2, 2, 1, 1, 1, 1, 1, 1, 2, 1, 1, 0)	64
1897	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 4, 1, 1, 1, 2, 0)	23
1899	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 4, 1, 4, 1, 2, 2, 1, 0)	23

1901	(8, 2, 5, 1, 1, 2, 3, 0)	8
1903	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 1, 0)	47
1905	(4, 3, 2, 1, 3, 1, 4, 1, 6, 2, 0)	11
1907	(10, 1, 1, 4, 2, 3, 1, 0)	8
1909	(4, 3, 2, 1, 3, 1, 4, 3, 1, 5, 0)	11
1911	(10, 1, 3, 3, 3, 1, 1, 0)	8
1913	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 1, 2, 0)	28
1915	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 2, 2, 1, 5, 1, 2, 1, 2, 3, 2, 1, 2, 2, 2, 3, 1, 1, 2, 1, 1, 1, 1, 1, 3, 2, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 2, 1, 2, 2, 1, 2, 1, 0)	64
1917	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 3, 0)	18
1919	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 5, 3, 2, 1, 1, 2, 3, 1, 1, 1, 1, 1, 1, 0)	47
1921	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 2, 2, 1, 2, 2, 2, 0)	52
1923	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 3, 4, 1, 0)	16
1925	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 4, 0)	16
1927	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 5, 2, 1, 1, 0)	16
1929	(4, 5, 1, 1, 5, 3, 3, 2, 1, 1, 3, 2, 1, 2, 1, 1, 2, 0)	18
1931	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 4, 3, 2, 2, 1, 1, 1, 3, 2, 1, 0)	52
1933	(4, 3, 2, 7, 3, 0)	6
1935	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 4, 1, 1, 1, 0)	52
1937	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 0)	16
1939	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 4, 1, 3, 1, 0)	16
1941	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 6, 0)	35
1943	(4, 3, 2, 1, 3, 3, 3, 6, 1, 1, 0)	11
1945	(4, 3, 2, 1, 3, 3, 5, 3, 1, 2, 0)	11
1947	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 1, 3, 1, 2, 2, 1, 4, 1, 1, 1, 2, 1, 0)	28
1949	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 3, 0)	52

1951	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 4, 3, 3, 1, 1, 1, 3, 1, 1, 2, 3, 1, 2, 1, 1, 1, 1, 0)	64
1953	(4, 3, 2, 1, 3, 7, 2, 1, 2, 2, 0)	11
1955	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 3, 1, 5, 1, 0)	35
1957	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 1, 4, 0)	16
1959	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 7, 1, 1, 1, 2, 1, 1, 2, 1, 1, 2, 2, 1, 2, 1, 1, 0)	28
1961	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 3, 3, 4, 1, 2, 1, 2, 4, 2, 1, 1, 1, 1, 1, 2, 1, 1, 1, 1, 1, 2, 0)	64
1963	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 3, 1, 1, 2, 1, 2, 2, 2, 1, 0)	28
1965	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 2, 2, 3, 0)	52
1967	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 3, 1, 5, 2, 1, 1, 1, 0)	35
1969	(4, 3, 6, 4, 2, 0)	6
1971	(4, 3, 8, 3, 1, 0)	6
1973	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 2, 5, 0)	16
1975	(4, 3, 2, 1, 7, 4, 1, 3, 1, 1, 0)	11
1977	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 2, 4, 2, 1, 2, 0)	52
1979	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 4, 3, 1, 2, 1, 0)	52
1981	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 1, 1, 2, 1, 1, 3, 0)	35
1983	(4, 3, 2, 1, 1, 6, 5, 5, 1, 2, 1, 1, 1, 1, 1, 0)	16
1985	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 1, 3, 2, 2, 0)	16
1987	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 2, 2, 1, 1, 1, 4, 1, 0)	33
1989	(4, 5, 1, 5, 4, 0)	6
1991	(4, 3, 2, 1, 3, 1, 2, 4, 6, 1, 2, 2, 2, 1, 1, 0)	16
1993	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 1, 4, 1, 1, 2, 0)	16
1995	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 1, 4, 4, 2, 1, 0)	16
1997	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 3, 0)	16
1999	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 3, 1, 1, 1, 0)	16
2001	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 3, 1, 3, 2, 0)	16

2003	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 1, 2, 1, 1, 3, 1, 0)	52
2005	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 7, 0)	40
2007	(10, 1, 1, 4, 2, 3, 1, 1, 1, 4, 1, 1, 0)	13
2009	(4, 5, 7, 1, 2, 0)	6
2011	(10, 1, 3, 3, 1, 2, 1, 4, 1, 1, 2, 1, 0)	13
2013	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 3, 0)	23
2015	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 3, 1, 1, 1, 1, 0)	33
2017	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 1, 5, 1, 2, 1, 2, 1, 1, 1, 2, 2, 0)	23
2019	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 7, 1, 0)	40
2021	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 4, 0)	21
2023	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 2, 2, 1, 2, 2, 4, 1, 1, 2, 1, 1, 0)	57
2025	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 4, 1, 3, 2, 1, 1, 2, 1, 1, 1, 2, 0)	57
2027	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 4, 1, 2, 3, 2, 1, 1, 1, 2, 2, 1, 0)	57
2029	(4, 3, 2, 5, 4, 1, 2, 1, 2, 3, 0)	11
2031	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 3, 5, 1, 1, 2, 1, 1, 1, 0)	21
2033	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 5, 2, 0)	40
2035	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 2, 2, 1, 1, 2, 1, 2, 3, 1, 0)	57
2037	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 5, 0)	16
2039	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 3, 1, 1, 0)	21
2041	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 4, 1, 3, 1, 2, 1, 2, 1, 2, 0)	21
2043	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 3, 1, 6, 1, 1, 1, 1, 2, 1, 2, 1, 2, 1, 0)	57
2045	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 0)	21
2047	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 2, 2, 1, 5, 1, 2, 1, 2, 3, 2, 1, 2, 2, 2, 3, 1, 1, 2, 1, 1, 1, 1, 1, 3, 2, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 0)	57

2049	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 1, 2, 2, 2, 2, 2, 0)	57
2051	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 0)	11
2053	(4, 5, 1, 1, 5, 1, 2, 2, 2, 4, 0)	11
2055	(4, 5, 1, 1, 3, 6, 3, 2, 1, 1, 0)	11
2057	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 3, 1, 3, 2, 3, 2, 1, 1, 2, 0)	40
2059	(4, 5, 1, 1, 5, 1, 4, 3, 2, 1, 0)	11
2061	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 3, 0)	45
2063	(4, 5, 1, 1, 5, 3, 5, 1, 1, 1, 0)	11
2065	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 4, 3, 2, 0)	45
2067	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 2, 2, 1, 3, 2, 1, 3, 1, 0)	57
2069	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 0)	45
2071	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 5, 5, 1, 1, 0)	45
2073	(4, 3, 8, 1, 2, 2, 1, 3, 1, 2, 0)	11
2075	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 1, 1, 1, 1, 4, 2, 1, 1, 1, 1, 2, 1, 0)	33
2077	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 1, 2, 3, 2, 1, 3, 0)	21
2079	(4, 3, 2, 1, 7, 2, 2, 5, 1, 2, 2, 1, 1, 1, 1, 0)	16
2081	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 1, 3, 1, 2, 2, 0)	21
2083	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 4, 5, 1, 0)	45
2085	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 1, 4, 0)	45
2087	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 1, 3, 1, 1, 1, 1, 4, 1, 2, 1, 1, 0)	40
2089	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 2, 2, 1, 1, 1, 1, 2, 0)	21
2091	(4, 5, 1, 5, 2, 1, 4, 2, 2, 1, 0)	11
2093	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 3, 3, 2, 3, 0)	45
2095	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 4, 1, 1, 1, 3, 2, 1, 2, 2, 1, 1, 1, 0)	38
2097	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 1, 4, 2, 0)	21
2099	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 3, 1, 0)	21
2101	(4, 3, 2, 1, 1, 4, 4, 5, 0)	9
2103	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 4, 1, 1, 1, 2, 1, 1, 1, 3, 1, 1, 0)	33
2105	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 0)	45

2107	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 1, 2, 1, 1, 1, 2, 1, 4, 1, 2, 1, 0)	57
2109	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 5, 1, 1, 3, 0)	28
2111	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 4, 1, 1, 1, 1, 1, 0)	62
2113	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 1, 4, 2, 2, 0)	28
2115	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 3, 1, 4, 1, 0)	28
2117	(4, 3, 2, 1, 1, 6, 3, 4, 0)	9
2119	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 0)	28
2121	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 3, 1, 1, 1, 1, 1, 3, 1, 1, 2, 0)	38
2123	(4, 3, 2, 1, 1, 10, 2, 1, 0)	9
2125	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 3, 3, 0)	45
2127	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 3, 1, 1, 1, 0)	26
2129	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 4, 1, 1, 3, 2, 0)	45
2131	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 3, 1, 3, 2, 1, 1, 1, 3, 1, 0)	26
2133	(4, 3, 2, 1, 3, 1, 2, 8, 0)	9
2135	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 4, 1, 1, 0)	21
2137	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 4, 1, 4, 1, 2, 0)	21
2139	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 3, 5, 1, 3, 1, 1, 1, 1, 2, 1, 1, 2, 1, 0)	26
2141	(8, 2, 5, 1, 3, 0)	6
2143	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 2, 2, 1, 1, 2, 1, 2, 3, 1, 4, 1, 1, 1, 1, 0)	62
2145	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 1, 2, 1, 3, 1, 1, 2, 2, 0)	26
2147	(10, 1, 1, 6, 1, 0)	6
2149	(10, 1, 3, 1, 4, 0)	6
2151	(4, 3, 2, 1, 1, 4, 4, 5, 2, 1, 2, 3, 2, 1, 2, 1, 3, 2, 3, 1, 2, 2, 1, 1, 1, 2, 1, 1, 1, 2, 2, 1, 1, 1, 2, 1, 1, 0)	38
2153	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 0)	26
2155	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 2, 2, 1, 5, 1, 2, 1, 2, 3, 2, 1, 2, 2, 2, 3, 1, 1, 2, 1, 1, 1, 1, 1, 3, 2, 1, 1, 1, 1, 1, 1, 1, 1, 1, 2, 1, 2, 2, 1, 0)	62
2157	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 3, 0)	16
2159	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 5, 3, 2, 1, 1, 2, 1, 2, 1, 1, 1, 0)	45

2161	(4, 3, 2, 1, 3, 1, 8, 2, 0)	9
2163	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 2, 2, 3, 1, 0)	50
2165	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 5, 0)	14
2167	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 4, 3, 1, 1, 0)	50
2169	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 1, 4, 2, 1, 3, 1, 2, 1, 1, 2, 1, 2, 0)	26
2171	(4, 5, 1, 1, 5, 3, 3, 2, 1, 1, 3, 2, 1, 2, 1, 0)	16
2173	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 4, 3, 2, 2, 1, 1, 1, 3, 0)	50
2175	(4, 3, 2, 1, 1, 4, 4, 1, 5, 3, 1, 1, 1, 5, 1, 2, 1, 3, 2, 1, 1, 1, 1, 1, 1, 0)	26
2177	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 2, 2, 0)	50
2179	(4, 3, 2, 1, 1, 4, 2, 2, 3, 1, 4, 4, 1, 0)	14
2181	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 4, 0)	14
2183	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 3, 1, 4, 2, 1, 1, 0)	50
2185	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 1, 1, 1, 1, 4, 2, 1, 1, 1, 3, 1, 1, 1, 2, 1, 1, 2, 0)	38
2187	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 1, 2, 5, 1, 1, 1, 2, 1, 3, 2, 1, 0)	26
2189	(4, 3, 2, 1, 3, 3, 5, 3, 0)	9
2191	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 1, 3, 1, 2, 2, 1, 4, 1, 1, 1, 0)	26
2193	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 1, 2, 3, 2, 0)	50
2195	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 3, 1, 0)	50
2197	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 6, 0)	33
2199	(4, 3, 2, 1, 3, 9, 1, 1, 0)	9
2201	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 3, 3, 2, 1, 2, 2, 3, 1, 2, 0)	50
2203	(4, 5, 1, 5, 2, 3, 1, 2, 4, 2, 1, 1, 1, 2, 1, 0)	16
2205	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 3, 0)	14

2207	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 3, 3, 4, 1, 2, 1, 2, 4, 2, 1, 1, 1, 1, 1, 2, 1, 1, 1, 1, 0)	62
2209	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 3, 1, 1, 2, 1, 2, 2, 0)	26
2211	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 3, 1, 1, 5, 1, 0)	33
2213	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 4, 0)	50
2215	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 3, 2, 2, 6, 1, 3, 2, 1, 2, 3, 1, 1, 1, 1, 1, 3, 1, 1, 1, 2, 1, 2, 1, 1, 1, 2, 1, 2, 1, 1, 0)	43
2217	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 1, 1, 1, 1, 2, 0)	26
2219	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 5, 1, 1, 1, 3, 2, 2, 2, 1, 0)	33
2221	(4, 3, 2, 1, 7, 2, 2, 3, 0)	9
2223	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 4, 1, 1, 1, 1, 1, 3, 2, 1, 1, 1, 0)	67
2225	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 2, 4, 2, 0)	50
2227	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 4, 3, 1, 0)	50
2229	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 5, 0)	14
2231	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 1, 3, 1, 1, 0)	33
2233	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 4, 1, 3, 2, 1, 2, 0)	50
2235	(4, 3, 2, 1, 1, 10, 2, 1, 1, 3, 1, 2, 1, 0)	14
2237	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 2, 2, 1, 1, 3, 0)	31
2239	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 7, 2, 1, 1, 1, 1, 1, 0)	50
2241	(4, 3, 2, 1, 3, 1, 2, 6, 1, 2, 3, 2, 2, 0)	14
2243	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 1, 4, 1, 0)	14
2245	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 1, 4, 4, 0)	14
2247	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 2, 2, 1, 1, 0)	26
2249	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 0)	14
2251	(8, 2, 5, 1, 1, 2, 1, 4, 2, 1, 0)	11
2253	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 3, 3, 0)	14

2255	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 3, 1, 1, 1, 0)	50
2257	(10, 1, 1, 4, 2, 1, 2, 1, 3, 2, 0)	11
2259	(10, 1, 1, 4, 2, 3, 1, 1, 3, 1, 0)	11
2261	(4, 5, 7, 0)	4
2263	(10, 1, 3, 3, 1, 2, 1, 4, 1, 1, 0)	11
2265	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 5, 1, 2, 0)	21
2267	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 1, 2, 1, 0)	31
2269	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 3, 1, 3, 0)	21
2271	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 1, 5, 1, 2, 3, 1, 1, 1, 1, 0)	21
2273	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 5, 3, 2, 1, 1, 2, 3, 1, 1, 1, 1, 1, 1, 1, 2, 2, 0)	50
2275	(4, 11, 1, 0)	4
2277	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 4, 0)	19
2279	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 4, 1, 3, 2, 1, 1, 2, 1, 1, 0)	55
2281	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 4, 1, 2, 3, 2, 1, 1, 1, 2, 0)	55
2283	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 5, 2, 1, 1, 2, 2, 1, 0)	19
2285	(4, 3, 2, 5, 4, 1, 2, 3, 0)	9
2287	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 0)	43
2289	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 5, 2, 0)	38
2291	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 2, 2, 1, 1, 2, 3, 1, 0)	55
2293	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 5, 0)	38
2295	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 3, 1, 1, 0)	19
2297	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 4, 1, 3, 1, 2, 1, 2, 0)	19
2299	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 3, 1, 6, 1, 1, 1, 1, 2, 1, 2, 1, 0)	55
2301	(4, 3, 2, 1, 3, 3, 3, 6, 1, 1, 1, 1, 3, 0)	14
2303	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 4, 1, 1, 1, 1, 1, 1, 1, 0)	19

2305	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 3, 2, 2, 2, 0)	38
2307	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 1, 2, 4, 1, 0)	55
2309	(4, 5, 1, 1, 3, 4, 2, 4, 0)	9
2311	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 3, 1, 1, 3, 2, 1, 1, 0)	55
2313	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 6, 2, 2, 1, 1, 2, 0)	38
2315	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 3, 1, 3, 2, 3, 2, 1, 0)	38
2317	(4, 5, 1, 1, 5, 1, 4, 3, 0)	9
2319	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 1, 6, 1, 1, 1, 0)	19
2321	(4, 5, 1, 1, 5, 3, 3, 2, 0)	9
2323	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 3, 3, 4, 1, 2, 1, 2, 4, 2, 1, 1, 1, 1, 1, 2, 1, 1, 1, 1, 1, 2, 1, 3, 1, 0)	67
2325	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 6, 0)	43
2327	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 2, 2, 1, 5, 1, 1, 0)	55
2329	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 4, 1, 1, 3, 1, 2, 0)	55
2331	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 3, 1, 7, 1, 1, 1, 1, 1, 2, 1, 0)	38
2333	(4, 3, 8, 1, 2, 2, 1, 3, 0)	9
2335	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 1, 1, 1, 1, 4, 2, 1, 1, 1, 1, 0)	31
2337	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 2, 5, 1, 2, 2, 0)	19
2339	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 1, 2, 5, 1, 0)	19
2341	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 1, 1, 4, 0)	19
2343	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 2, 4, 2, 3, 1, 2, 1, 1, 0)	55
2345	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 4, 3, 3, 1, 1, 1, 1, 2, 0)	55
2347	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 1, 1, 2, 1, 1, 3, 2, 2, 1, 0)	38
2349	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 3, 0)	43
2351	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 2, 2, 1, 1, 1, 0)	19

2353	(4, 5, 1, 5, 2, 1, 4, 2, 0)	9
2355	(4, 5, 1, 5, 2, 3, 3, 1, 0)	9
2357	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 3, 5, 0)	43
2359	(4, 3, 2, 1, 3, 1, 2, 4, 6, 1, 2, 2, 2, 1, 1, 3, 1, 1, 0)	19
2361	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 1, 4, 1, 1, 2, 2, 1, 2, 0)	19
2363	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 1, 6, 1, 2, 1, 0)	19
2365	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 3, 1, 1, 3, 0)	19
2367	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 4, 1, 1, 3, 1, 1, 1, 1, 1, 0)	31
2369	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 0)	43
2371	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 1, 2, 1, 1, 1, 2, 1, 4, 1, 0)	55
2373	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 4, 0)	26
2375	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 2, 2, 1, 1, 0)	60
2377	(10, 1, 1, 4, 2, 3, 1, 1, 1, 2, 2, 3, 1, 1, 2, 0)	16
2379	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 5, 2, 1, 0)	26
2381	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 3, 3, 0)	26
2383	(10, 1, 3, 3, 1, 2, 1, 4, 1, 1, 2, 3, 1, 1, 1, 0)	16
2385	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 1, 2, 1, 1, 1, 1, 3, 2, 0)	36
2387	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 3, 1, 1, 1, 1, 1, 3, 1, 0)	36
2389	(4, 3, 2, 1, 1, 10, 0)	7
2391	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 5, 2, 4, 1, 1, 0)	43
2393	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 0)	24
2395	(4, 9, 4, 2, 1, 1, 2, 1, 0)	9
2397	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 4, 1, 3, 0)	43
2399	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 3, 1, 5, 1, 1, 1, 1, 0)	24
2401	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 4, 1, 2, 3, 2, 1, 1, 1, 2, 2, 1, 1, 2, 2, 0)	60
2403	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 6, 1, 0)	19
2405	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 4, 1, 4, 0)	19
2407	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 3, 5, 1, 3, 1, 1, 1, 1, 2, 1, 1, 0)	24

2409	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 1, 2, 0)	43
2411	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 2, 2, 1, 1, 2, 1, 2, 3, 1, 2, 2, 1, 0)	60
2413	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 1, 2, 1, 1, 2, 3, 0)	24
2415	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 7, 1, 2, 1, 1, 1, 0)	43
2417	(8, 6, 2, 0)	4
2419	(4, 3, 2, 1, 3, 3, 3, 6, 1, 1, 1, 1, 1, 1, 3, 2, 3, 1, 0)	19
2421	(10, 1, 5, 0)	4
2423	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 0)	24
2425	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 2, 2, 1, 5, 1, 2, 1, 2, 3, 2, 1, 2, 2, 2, 3, 1, 1, 2, 1, 1, 1, 1, 1, 3, 2, 1, 1, 1, 1, 1, 1, 1, 1, 1, 2, 1, 2, 0)	60
2427	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 3, 2, 2, 2, 2, 2, 1, 2, 1, 0)	43
2429	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 0)	14
2431	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 1, 4, 5, 1, 1, 1, 1, 1, 1, 0)	60
2433	(4, 5, 1, 1, 5, 1, 2, 2, 4, 1, 2, 2, 2, 0)	14
2435	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 4, 1, 0)	48
2437	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 2, 4, 0)	48
2439	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 6, 2, 1, 1, 0)	48
2441	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 1, 4, 2, 1, 3, 1, 2, 1, 1, 2, 0)	24
2443	(4, 5, 1, 1, 5, 3, 3, 2, 1, 1, 3, 2, 1, 0)	14
2445	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 3, 0)	12
2447	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 4, 3, 4, 1, 1, 1, 0)	48
2449	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 4, 2, 3, 2, 0)	48
2451	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 3, 1, 0)	48

2453	(4, 3, 2, 1, 1, 4, 2, 2, 3, 1, 6, 0)	12
2455	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 1, 6, 1, 1, 0)	48
2457	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 3, 3, 1, 2, 0)	48
2459	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 1, 1, 1, 1, 4, 2, 1, 1, 1, 3, 1, 1, 1, 2, 1, 0)	36
2461	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 1, 2, 5, 1, 1, 1, 2, 1, 3, 0)	24
2463	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 2, 2, 1, 1, 1, 1, 1, 2, 4, 1, 2, 2, 1, 3, 2, 1, 2, 1, 1, 1, 1, 0)	77
2465	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 1, 3, 1, 2, 2, 1, 2, 2, 0)	24
2467	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 1, 2, 1, 5, 1, 0)	48
2469	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 1, 4, 0)	48
2471	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 8, 2, 1, 2, 1, 1, 0)	48
2473	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 1, 3, 1, 1, 1, 1, 4, 3, 1, 1, 1, 1, 1, 2, 0)	43
2475	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 2, 2, 1, 1, 1, 1, 2, 2, 2, 1, 0)	24
2477	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 3, 3, 2, 1, 2, 2, 3, 0)	48
2479	(4, 5, 1, 5, 2, 3, 1, 2, 4, 2, 1, 1, 1, 0)	14
2481	(4, 3, 2, 1, 1, 4, 4, 1, 3, 4, 2, 0)	12
2483	(4, 3, 2, 1, 1, 4, 4, 1, 5, 3, 1, 0)	12
2485	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 5, 0)	31
2487	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 3, 1, 3, 1, 1, 0)	24
2489	(4, 3, 2, 1, 1, 4, 4, 5, 2, 1, 2, 0)	12
2491	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 4, 1, 1, 1, 2, 1, 1, 1, 1, 2, 3, 1, 2, 1, 0)	36
2493	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 3, 0)	48
2495	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 1, 1, 1, 0)	24
2497	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 5, 1, 1, 1, 3, 2, 2, 0)	31

2499	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 2, 2, 1, 1, 1, 1, 1, 4, 1, 0)	65
2501	(4, 3, 2, 1, 7, 4, 0)	7
2503	(10, 1, 1, 4, 2, 3, 1, 1, 1, 2, 2, 3, 1, 1, 2, 2, 2, 2, 1, 1, 0)	21
2505	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 3, 1, 2, 4, 1, 1, 2, 0)	31
2507	(4, 3, 2, 1, 1, 6, 3, 2, 4, 2, 1, 0)	12
2509	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 3, 3, 0)	48
2511	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 3, 1, 1, 1, 0)	31
2513	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 4, 1, 3, 2, 0)	48
2515	(4, 3, 2, 1, 1, 10, 2, 1, 1, 3, 1, 0)	12
2517	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 7, 0)	12
2519	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 4, 1, 1, 0)	29
2521	(4, 3, 2, 1, 3, 1, 2, 4, 6, 1, 2, 0)	12
2523	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 4, 1, 1, 5, 1, 1, 2, 1, 0)	48
2525	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 3, 0)	12
2527	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 2, 2, 1, 4, 5, 1, 1, 2, 2, 1, 1, 1, 1, 1, 3, 1, 1, 1, 1, 0)	65
2529	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 4, 1, 1, 1, 2, 2, 0)	24
2531	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 0)	12
2533	(8, 2, 5, 1, 1, 2, 1, 4, 0)	9
2535	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 3, 5, 1, 3, 1, 1, 1, 1, 2, 1, 3, 1, 1, 2, 1, 1, 0)	29
2537	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 1, 2, 0)	48
2539	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 2, 2, 1, 1, 2, 1, 2, 3, 1, 4, 1, 1, 1, 1, 2, 2, 1, 0)	65
2541	(10, 1, 1, 4, 2, 1, 2, 3, 0)	9
2543	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 4, 2, 3, 2, 4, 1, 2, 1, 1, 1, 2, 2, 3, 1, 2, 1, 1, 2, 1, 1, 1, 0)	65

2545	(4, 3, 2, 1, 3, 1, 4, 3, 1, 5, 2, 0)	12
2547	(10, 1, 3, 3, 1, 2, 3, 1, 0)	9
2549	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 5, 0)	19
2551	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 1, 0)	29
2553	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 2, 2, 1, 5, 1, 2, 1, 2, 3, 2, 1, 2, 2, 2, 3, 1, 1, 2, 1, 1, 1, 1, 1, 3, 2, 1, 1, 1, 1, 1, 1, 1, 1, 1, 2, 1, 2, 2, 1, 2, 1, 2, 0)	65
2555	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 1, 5, 1, 2, 1, 2, 1, 0)	19
2557	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 5, 3, 2, 1, 1, 2, 1, 2, 1, 1, 1, 1, 1, 3, 0)	48
2559	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 2, 5, 3, 3, 6, 1, 1, 2, 1, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 1, 1, 1, 1, 1, 1, 1, 1, 0)	41
2561	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 2, 2, 1, 2, 2, 2, 2, 0)	53
2563	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 3, 2, 4, 1, 0)	17
2565	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 4, 0)	17
2567	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 4, 1, 2, 3, 2, 1, 1, 0)	53
2569	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 5, 2, 1, 1, 2, 0)	17
2571	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 3, 3, 2, 1, 0)	17
2573	(4, 3, 2, 5, 4, 3, 0)	7
2575	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 4, 3, 2, 2, 1, 1, 1, 5, 1, 1, 1, 0)	53
2577	(4, 3, 2, 7, 3, 2, 0)	7
2579	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 2, 2, 1, 3, 1, 0)	53
2581	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 6, 0)	36
2583	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 5, 1, 1, 0)	17
2585	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 4, 1, 3, 1, 2, 0)	17
2587	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 3, 1, 6, 1, 1, 1, 1, 2, 1, 0)	53
2589	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 3, 0)	12
2591	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 0)	17

2593	(4, 3, 2, 1, 3, 3, 5, 3, 1, 2, 2, 0)	12
2595	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 5, 1, 0)	36
2597	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 1, 4, 0)	53
2599	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 1, 2, 5, 1, 2, 1, 1, 0)	53
2601	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 4, 3, 3, 1, 1, 1, 3, 1, 1, 2, 3, 1, 2, 1, 1, 1, 1, 2, 0)	65
2603	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 6, 2, 2, 1, 0)	36
2605	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 3, 1, 3, 2, 3, 0)	36
2607	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 2, 2, 1, 1, 1, 1, 2, 4, 1, 1, 2, 2, 1, 1, 1, 0)	29
2609	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 1, 4, 2, 0)	17
2611	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 3, 3, 1, 0)	17
2613	(4, 5, 1, 1, 5, 5, 0)	7
2615	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 3, 3, 4, 1, 2, 1, 2, 4, 2, 1, 1, 1, 1, 1, 2, 1, 1, 1, 1, 3, 1, 1, 0)	65
2617	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 3, 1, 1, 2, 1, 2, 2, 2, 1, 2, 0)	29
2619	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 3, 1, 1, 3, 4, 1, 2, 1, 0)	36
2621	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 4, 1, 1, 3, 0)	53
2623	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 3, 1, 7, 1, 1, 1, 1, 1, 0)	36
2625	(4, 3, 6, 4, 2, 2, 0)	7
2627	(4, 3, 8, 1, 4, 1, 0)	7
2629	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 2, 3, 4, 0)	17
2631	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 2, 2, 1, 1, 1, 1, 1, 2, 4, 1, 2, 2, 1, 1, 0)	70
2633	(4, 3, 2, 1, 7, 4, 1, 3, 1, 1, 2, 0)	12
2635	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 6, 2, 1, 0)	17
2637	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 3, 0)	17
2639	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 4, 3, 3, 1, 1, 1, 0)	53

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2643	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 1, 3, 1, 1, 1, 3, 1, 0)	36
2645	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 8, 0)	41
2647	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 1, 3, 4, 1, 1, 0)	17
2649	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 2, 2, 1, 1, 1, 4, 1, 2, 0)	34
2651	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 5, 2, 2, 2, 3, 1, 2, 2, 2, 1, 2, 1, 1, 2, 1, 0)	53
2653	(4, 5, 1, 7, 1, 3, 0)	7
2655	(4, 3, 2, 1, 3, 1, 2, 4, 6, 1, 2, 4, 1, 1, 1, 1, 0)	17
2657	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 1, 4, 1, 1, 2, 2, 0)	17
2659	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 1, 6, 1, 0)	17
2661	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 4, 0)	17
2663	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 4, 1, 1, 1, 2, 1, 1, 0)	29
2665	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 3, 1, 1, 1, 2, 0)	17
2667	(8, 2, 5, 1, 1, 2, 1, 4, 2, 1, 2, 2, 1, 0)	14
2669	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 1, 2, 1, 1, 1, 2, 3, 0)	53
2671	(8, 2, 3, 6, 2, 1, 2, 2, 1, 2, 1, 1, 1, 0)	14
2673	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 7, 2, 0)	41
2675	(10, 1, 1, 4, 2, 3, 1, 1, 1, 2, 2, 3, 1, 0)	14
2677	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 5, 0)	24
2679	(4, 5, 7, 3, 1, 1, 0)	7
2681	(10, 1, 3, 3, 1, 2, 1, 4, 1, 1, 2, 1, 2, 0)	14
2683	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 0)	24
2685	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 1, 2, 1, 1, 1, 3, 0)	34
2687	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 1, 2, 1, 5, 3, 1, 2, 1, 1, 1, 1, 1, 1, 0)	34
2689	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 1, 5, 1, 2, 1, 2, 1, 1, 1, 2, 2, 2, 0)	24
2691	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 5, 4, 1, 0)	41
2693	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 0)	22
2695	(4, 9, 4, 2, 1, 1, 0)	7

2697	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 2, 2, 1, 2, 2, 4, 1, 1, 2, 1, 1, 2, 0)	58
2699	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 3, 1, 3, 2, 1, 0)	22
2701	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 5, 3, 0)	41
2703	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 4, 1, 2, 3, 2, 1, 1, 1, 4, 1, 1, 1, 0)	58
2705	(4, 3, 2, 5, 4, 1, 2, 1, 2, 3, 2, 0)	12
2707	(4, 3, 2, 5, 4, 1, 2, 3, 1, 3, 1, 0)	12
2709	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 6, 0)	17
2711	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 0)	41
2713	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 2, 2, 1, 1, 2, 1, 2, 3, 1, 2, 0)	58
2715	(4, 3, 2, 1, 1, 4, 4, 1, 5, 3, 1, 1, 1, 5, 1, 2, 1, 5, 1, 1, 1, 1, 1, 1, 3, 1, 1, 2, 1, 1, 1, 2, 1, 0)	34
2717	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 1, 2, 1, 3, 0)	22
2719	(4, 3, 2, 1, 1, 4, 2, 2, 3, 1, 4, 2, 4, 4, 1, 1, 2, 1, 1, 1, 1, 0)	22
2721	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 4, 1, 3, 1, 2, 1, 2, 1, 2, 2, 0)	22
2723	(4, 3, 2, 1, 3, 3, 3, 6, 1, 1, 1, 1, 1, 1, 5, 1, 0)	17
2725	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 1, 4, 0)	22
2727	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 1, 1, 1, 1, 4, 2, 1, 1, 1, 3, 1, 1, 1, 2, 1, 1, 4, 1, 2, 1, 2, 1, 2, 1, 1, 0)	46
2729	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 2, 2, 1, 5, 1, 2, 1, 2, 3, 2, 1, 2, 2, 2, 3, 1, 1, 2, 1, 1, 1, 1, 1, 3, 2, 1, 1, 1, 1, 1, 1, 1, 1, 1, 2, 0)	58
2731	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 3, 2, 2, 2, 2, 2, 1, 0)	41
2733	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 3, 0)	12
2735	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 1, 4, 3, 2, 1, 1, 1, 0)	58
2737	(4, 5, 1, 1, 5, 1, 2, 2, 2, 4, 2, 0)	12
2739	(4, 5, 1, 1, 5, 1, 2, 2, 4, 3, 1, 0)	12
2741	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 5, 0)	46
2743	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 3, 1, 3, 2, 3, 2, 1, 3, 1, 1, 0)	41
2745	(4, 5, 1, 1, 5, 1, 4, 3, 2, 1, 2, 0)	12
2747	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 1, 4, 2, 1, 3, 1, 2, 1, 0)	22

2749	(4, 5, 1, 1, 5, 3, 3, 2, 1, 1, 3, 0)	12
2751	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 3, 1, 1, 1, 1, 1, 3, 1, 3, 3, 1, 1, 2, 2, 1, 1, 2, 4, 2, 2, 1, 1, 1, 1, 1, 2, 2, 1, 2, 2, 1, 1, 1, 1, 1, 0)	63
2753	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 4, 3, 2, 2, 0)	46
2755	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 2, 2, 1, 3, 2, 1, 1, 4, 1, 0)	58
2757	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 4, 4, 0)	46
2759	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 4, 1, 1, 1, 4, 2, 2, 1, 1, 0)	58
2761	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 5, 5, 1, 1, 2, 0)	46
2763	(4, 3, 8, 1, 2, 2, 1, 1, 4, 2, 1, 0)	12
2765	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 3, 3, 0)	46
2767	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 1, 1, 1, 1, 4, 2, 1, 1, 1, 3, 1, 1, 1, 0)	34
2769	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 1, 2, 3, 2, 1, 3, 2, 0)	22
2771	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 1, 2, 5, 1, 1, 3, 1, 0)	22
2773	(4, 3, 2, 1, 1, 4, 2, 2, 7, 0)	10
2775	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 1, 3, 1, 4, 1, 1, 0)	22
2777	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 4, 5, 1, 2, 0)	46
2779	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 4, 3, 3, 1, 1, 1, 3, 1, 1, 2, 1, 0)	58
2781	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 3, 0)	46
2783	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 1, 3, 1, 1, 1, 1, 4, 3, 1, 1, 1, 1, 0)	41
2785	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 2, 2, 1, 1, 1, 1, 2, 2, 0)	22
2787	(4, 3, 2, 1, 1, 4, 2, 8, 1, 0)	10
2789	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 3, 3, 2, 1, 4, 0)	46
2791	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 7, 1, 1, 1, 2, 1, 1, 2, 1, 1, 0)	22
2793	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 4, 1, 1, 1, 3, 2, 1, 2, 2, 1, 1, 1, 2, 0)	39
2795	(4, 3, 2, 1, 3, 1, 2, 4, 6, 1, 2, 2, 2, 1, 1, 3, 1, 1, 2, 2, 1, 0)	22
2797	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 1, 2, 3, 0)	22
2799	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 1, 2, 6, 2, 1, 1, 1, 2, 1, 1, 1, 0)	22
2801	(4, 3, 2, 1, 1, 4, 4, 5, 2, 0)	10

2803	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 4, 1, 1, 1, 2, 1, 1, 1, 1, 2, 3, 1, 0)	34
2805	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 5, 0)	29
2807	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 3, 1, 1, 0)	46
2809	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 1, 2, 1, 1, 1, 2, 1, 4, 1, 2, 1, 2, 0)	58
2811	(8, 2, 5, 1, 1, 2, 3, 3, 3, 1, 1, 2, 1, 1, 2, 1, 2, 1, 0)	19
2813	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 2, 2, 1, 1, 1, 1, 3, 0)	63
2815	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 3, 1, 1, 5, 2, 1, 1, 1, 1, 1, 1, 1, 0)	58
2817	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 1, 4, 2, 2, 2, 0)	29
2819	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 3, 1, 2, 4, 1, 0)	29
2821	(4, 3, 2, 1, 1, 6, 3, 2, 4, 0)	10
2823	(10, 1, 3, 3, 1, 2, 1, 4, 1, 1, 2, 1, 2, 1, 3, 2, 1, 1, 0)	19
2825	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 0)	29
2827	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 3, 1, 1, 1, 1, 1, 1, 2, 3, 2, 1, 0)	39
2829	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 4, 3, 0)	46
2831	(4, 3, 2, 1, 1, 12, 1, 1, 1, 0)	10
2833	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 3, 3, 2, 0)	46
2835	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 3, 1, 0)	27
2837	(4, 3, 2, 1, 3, 1, 2, 4, 6, 0)	10
2839	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 4, 1, 1, 5, 1, 1, 0)	46
2841	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 3, 1, 3, 2, 1, 1, 1, 3, 1, 2, 0)	27
2843	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 2, 2, 1, 4, 5, 1, 1, 2, 2, 1, 1, 1, 1, 1, 1, 2, 1, 0)	63
2845	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 0)	22
2847	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 4, 1, 2, 3, 2, 1, 1, 1, 4, 1, 1, 3, 2, 1, 1, 1, 1, 0)	63
2849	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 4, 1, 4, 1, 2, 2, 0)	22
2851	(8, 2, 3, 2, 5, 1, 0)	7
2853	(8, 2, 5, 1, 1, 4, 0)	7

2855	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 0)	46
2857	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 2, 2, 1, 1, 2, 1, 2, 3, 1, 4, 1, 1, 1, 1, 2, 0)	63
2859	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 1, 2, 1, 1, 2, 3, 2, 2, 1, 0)	27
2861	(10, 1, 1, 4, 2, 3, 0)	7
2863	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 3, 1, 1, 3, 2, 2, 1, 1, 1, 0)	27
2865	(10, 1, 3, 1, 4, 2, 0)	7
2867	(10, 1, 3, 3, 3, 1, 0)	7
2869	(4, 3, 2, 1, 3, 1, 4, 3, 5, 0)	10
2871	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 3, 1, 1, 0)	27
2873	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 2, 2, 1, 5, 1, 2, 1, 2, 3, 2, 1, 2, 2, 2, 3, 1, 1, 2, 1, 1, 1, 1, 1, 3, 2, 1, 1, 1, 1, 1, 1, 1, 1, 1, 2, 1, 2, 2, 1, 2, 0)	63
2875	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 1, 5, 1, 2, 1, 0)	17
2877	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 3, 0)	17
2879	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 5, 3, 2, 1, 1, 2, 3, 1, 1, 1, 1, 1, 0)	46
2881	(4, 3, 2, 1, 3, 1, 8, 2, 2, 0)	10
2883	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 2, 2, 1, 4, 1, 0)	51
2885	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 3, 4, 0)	15
2887	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 6, 2, 2, 1, 3, 1, 2, 2, 1, 1, 2, 2, 1, 1, 0)	46
2889	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 4, 3, 1, 1, 2, 0)	51
2891	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 5, 2, 1, 0)	15
2893	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 3, 3, 0)	15
2895	(4, 5, 1, 1, 5, 3, 3, 2, 1, 1, 3, 2, 3, 1, 1, 1, 0)	17
2897	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 4, 3, 2, 2, 1, 1, 1, 3, 2, 0)	51
2899	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 4, 3, 4, 1, 1, 1, 1, 3, 1, 0)	51
2901	(4, 3, 2, 9, 0)	5

2903	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 4, 1, 1, 0)	51
2905	(4, 3, 2, 1, 1, 4, 2, 2, 3, 1, 4, 4, 1, 2, 0)	15
2907	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 5, 3, 2, 3, 2, 2, 1, 1, 2, 1, 0)	51
2909	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 4, 1, 3, 0)	15
2911	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 3, 1, 6, 1, 1, 1, 1, 0)	51
2913	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 1, 1, 1, 1, 4, 2, 1, 1, 1, 3, 1, 1, 1, 2, 1, 1, 2, 2, 0)	39
2915	(4, 3, 2, 1, 3, 3, 3, 6, 1, 0)	10
2917	(4, 3, 2, 1, 3, 3, 5, 1, 4, 0)	10
2919	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 2, 2, 1, 1, 1, 1, 1, 2, 4, 1, 2, 2, 1, 3, 2, 3, 1, 1, 1, 1, 1, 2, 1, 1, 0)	80
2921	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 1, 3, 1, 2, 2, 1, 4, 1, 1, 1, 2, 0)	27
2923	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 1, 2, 1, 5, 1, 2, 2, 1, 0)	51
2925	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 3, 0)	51
2927	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 4, 3, 3, 1, 1, 1, 3, 1, 1, 2, 3, 1, 2, 1, 1, 1, 0)	63
2929	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 6, 2, 0)	34
2931	(4, 3, 2, 1, 3, 7, 2, 3, 1, 0)	10
2933	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 3, 1, 5, 0)	34
2935	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 3, 3, 2, 1, 2, 2, 3, 3, 1, 1, 0)	51
2937	(4, 5, 1, 5, 2, 3, 1, 2, 4, 2, 1, 1, 1, 2, 1, 2, 0)	17
2939	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 7, 1, 1, 1, 2, 1, 1, 2, 1, 1, 2, 2, 1, 2, 1, 0)	27
2941	(4, 3, 2, 1, 1, 4, 4, 1, 5, 3, 1, 1, 1, 3, 0)	15
2943	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 3, 3, 4, 1, 2, 1, 2, 4, 2, 1, 1, 1, 1, 3, 1, 1, 1, 1, 1, 1, 0)	63
2945	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 3, 1, 1, 2, 1, 2, 2, 2, 0)	27

2947	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 3, 1, 1, 3, 4, 1, 0)	34
2949	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 2, 4, 0)	51
2951	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 3, 1, 5, 2, 1, 1, 0)	34
2953	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 3, 2, 2, 6, 1, 3, 2, 1, 2, 3, 1, 1, 1, 1, 1, 3, 1, 1, 1, 2, 1, 2, 1, 1, 1, 2, 1, 2, 1, 1, 2, 0)	44
2955	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 3, 1, 1, 1, 1, 3, 2, 1, 0)	51
2957	(4, 3, 8, 3, 0)	5
2959	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 5, 1, 1, 1, 3, 2, 4, 1, 1, 1, 0)	34
2961	(4, 3, 2, 1, 7, 2, 2, 3, 2, 0)	10
2963	(4, 3, 2, 1, 7, 4, 1, 3, 1, 0)	10
2965	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 6, 0)	15
2967	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 2, 6, 1, 1, 0)	51
2969	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 4, 3, 1, 2, 0)	51
2971	(4, 3, 2, 1, 1, 6, 3, 2, 6, 1, 1, 1, 2, 1, 0)	15
2973	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 1, 1, 2, 1, 3, 0)	34
2975	(4, 3, 2, 1, 1, 6, 5, 5, 1, 2, 1, 1, 1, 1, 0)	15
2977	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 4, 1, 3, 2, 1, 2, 2, 0)	51
2979	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 1, 5, 1, 0)	15
2981	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 2, 2, 1, 1, 1, 4, 0)	32
2983	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 5, 2, 2, 2, 3, 1, 2, 2, 2, 1, 2, 1, 1, 0)	51
2985	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 7, 2, 1, 1, 1, 1, 1, 2, 0)	51
2987	(4, 3, 2, 1, 3, 1, 2, 4, 6, 1, 2, 2, 2, 1, 0)	15
2989	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 1, 2, 2, 3, 0)	15
2991	(4, 3, 2, 1, 3, 1, 2, 6, 1, 6, 2, 1, 1, 1, 0)	15
2993	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 1, 4, 4, 2, 0)	15

2995	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 1, 6, 3, 1, 0)	15
2997	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 5, 0)	15
2999	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 3, 1, 1, 0)	15
3001	(8, 2, 5, 1, 1, 2, 1, 4, 2, 1, 2, 0)	12
3003	(8, 2, 5, 1, 1, 2, 3, 3, 1, 2, 1, 0)	12
3005	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 1, 2, 1, 1, 3, 0)	51
3007	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 0)	56
3009	(10, 1, 1, 4, 2, 1, 2, 1, 3, 2, 2, 0)	12
3011	(10, 1, 1, 4, 2, 3, 1, 1, 1, 4, 1, 0)	12
3013	(4, 5, 5, 4, 0)	5
3015	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 3, 1, 1, 3, 2, 2, 1, 1, 1, 2, 2, 2, 1, 1, 0)	32
3017	(10, 1, 3, 3, 1, 2, 1, 4, 1, 1, 2, 0)	12
3019	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 0)	22
3021	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 3, 0)	22
3023	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 3, 1, 1, 1, 0)	32
3025	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 3, 1, 3, 2, 0)	22
3027	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 1, 5, 1, 2, 1, 2, 1, 1, 3, 1, 0)	22
3029	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 7, 0)	39
3031	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 5, 3, 2, 1, 1, 2, 3, 1, 1, 1, 1, 1, 1, 1, 4, 1, 1, 0)	51
3033	(4, 11, 1, 2, 0)	5
3035	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 2, 2, 1, 2, 2, 4, 1, 1, 2, 1, 0)	56
3037	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 3, 1, 3, 0)	20
3039	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 4, 1, 3, 2, 1, 3, 1, 1, 1, 1, 0)	56
3041	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 4, 1, 2, 3, 2, 1, 1, 1, 2, 2, 0)	56
3043	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 7, 1, 0)	39

3045	(4, 3, 2, 5, 4, 1, 2, 1, 4, 0)	10
3047	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 3, 5, 1, 1, 2, 1, 1, 0)	20
3049	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 2, 0)	44
3051	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 4, 3, 2, 2, 1, 1, 1, 5, 1, 1, 1, 2, 2, 1, 0)	56
3053	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 2, 2, 1, 1, 2, 1, 2, 3, 0)	56
3055	(4, 3, 2, 1, 1, 4, 4, 1, 5, 3, 1, 1, 1, 5, 1, 2, 1, 5, 1, 1, 1, 1, 1, 1, 3, 1, 1, 2, 1, 1, 1, 0)	32
3057	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 5, 2, 0)	39
3059	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 3, 1, 0)	20
3061	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 5, 0)	15
3063	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 4, 1, 3, 1, 2, 3, 1, 1, 0)	20
3065	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 3, 1, 6, 1, 1, 1, 1, 2, 1, 2, 1, 2, 0)	56
3067	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 3, 3, 2, 2, 1, 2, 1, 2, 1, 0)	20
3069	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 3, 0)	20
3071	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 2, 2, 1, 5, 1, 2, 1, 2, 3, 2, 1, 2, 2, 2, 3, 1, 1, 2, 1, 1, 1, 1, 1, 3, 2, 1, 1, 1, 1, 1, 1, 1, 1, 1, 0)	56
3073	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 3, 2, 2, 2, 2, 0)	39
3075	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 1, 2, 2, 4, 1, 0)	56
3077	(4, 5, 1, 1, 3, 4, 2, 2, 4, 0)	10
3079	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 3, 3, 2, 1, 1, 0)	56
3081	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 3, 1, 1, 3, 2, 1, 1, 2, 0)	56
3083	(4, 5, 1, 1, 3, 6, 3, 2, 1, 0)	10
3085	(4, 5, 1, 1, 5, 1, 2, 4, 3, 0)	10
3087	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 3, 1, 3, 2, 5, 1, 1, 1, 0)	39
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3091	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 1, 4, 2, 1, 3, 1, 0)	20

3093	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 6, 0)	44
3095	(4, 5, 1, 1, 5, 3, 5, 1, 1, 0)	10
3097	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 3, 3, 4, 1, 2, 1, 2, 4, 2, 1, 1, 1, 1, 1, 2, 1, 1, 1, 1, 1, 2, 1, 3, 1, 2, 0)	68
3099	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 4, 1, 1, 1, 3, 2, 1, 2, 2, 1, 1, 3, 3, 1, 2, 1, 2, 1, 1, 1, 1, 2, 1, 0)	49
3101	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 2, 2, 1, 3, 2, 1, 3, 0)	56
3103	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 1, 2, 3, 4, 2, 1, 1, 2, 2, 1, 1, 1, 1, 0)	32
3105	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 4, 1, 1, 3, 1, 2, 2, 0)	56
3107	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 5, 5, 1, 0)	44
3109	(4, 3, 8, 1, 2, 2, 1, 1, 4, 0)	10
3111	(4, 3, 6, 4, 4, 1, 2, 1, 1, 0)	10
3113	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 1, 1, 1, 1, 4, 2, 1, 1, 1, 1, 2, 0)	32
3115	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 2, 3, 4, 2, 2, 1, 0)	20
3117	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 1, 2, 3, 2, 3, 0)	20
3119	(4, 3, 2, 1, 7, 2, 2, 5, 1, 2, 2, 1, 1, 1, 0)	15
3121	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 1, 1, 4, 2, 0)	20
3123	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 1, 3, 3, 1, 0)	20
3125	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 4, 5, 0)	44
3127	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 4, 3, 3, 1, 1, 1, 3, 1, 1, 0)	56
3129	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 1, 1, 2, 1, 1, 3, 2, 2, 1, 2, 0)	39
3131	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 1, 3, 1, 1, 1, 1, 4, 1, 2, 1, 0)	39
3133	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 8, 1, 1, 3, 0)	44
3135	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 1, 0)	20
3137	(4, 5, 1, 5, 2, 1, 4, 2, 2, 0)	10
3139	(4, 5, 1, 5, 2, 3, 1, 4, 1, 0)	10
3141	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 3, 3, 4, 0)	44
3143	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 4, 1, 1, 1, 3, 2, 1, 2, 2, 1, 1, 0)	37

3145	(4, 3, 2, 1, 3, 1, 2, 4, 6, 1, 2, 2, 2, 1, 1, 3, 1, 1, 2, 0)	20
3147	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 7, 2, 1, 0)	44
3149	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 3, 0)	20
3151	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 1, 6, 3, 1, 1, 1, 0)	20
3153	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 3, 1, 1, 3, 2, 0)	20
3155	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 4, 1, 1, 1, 2, 1, 1, 1, 3, 1, 0)	32
3157	(4, 3, 2, 1, 1, 4, 8, 0)	8
3159	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 4, 1, 1, 0)	44
3161	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 1, 2, 1, 1, 1, 2, 1, 4, 1, 2, 0)	56
3163	(8, 2, 5, 1, 1, 2, 3, 3, 3, 1, 1, 2, 1, 1, 2, 1, 0)	17
3165	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 5, 1, 3, 0)	27
3167	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 4, 1, 1, 1, 1, 0)	61
3169	(10, 1, 1, 4, 2, 3, 1, 1, 1, 2, 2, 3, 1, 1, 2, 2, 0)	17
3171	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 1, 6, 1, 0)	27
3173	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 3, 1, 4, 0)	27
3175	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 4, 2, 3, 2, 4, 1, 2, 1, 1, 1, 2, 2, 1, 6, 3, 1, 1, 1, 1, 1, 1, 1, 2, 1, 1, 1, 2, 1, 1, 0)	73
3177	(10, 1, 3, 3, 1, 2, 1, 4, 1, 1, 2, 3, 1, 1, 1, 2, 0)	17
3179	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 0)	27
3181	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 3, 1, 1, 1, 1, 1, 1, 2, 3, 0)	37
3183	(4, 3, 2, 1, 3, 1, 4, 3, 7, 1, 2, 2, 1, 2, 1, 2, 1, 1, 1, 0)	20
3185	(4, 3, 2, 1, 1, 10, 2, 0)	8
3187	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 5, 2, 2, 2, 3, 1, 0)	44
3189	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 5, 0)	44
3191	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 3, 1, 1, 0)	25
3193	(4, 9, 4, 2, 1, 1, 2, 1, 2, 0)	10
3195	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 3, 3, 2, 1, 2, 1, 0)	25
3197	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 3, 1, 3, 2, 1, 1, 1, 3, 0)	25

3199	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 2, 2, 1, 4, 5, 1, 1, 2, 2, 1, 1, 1, 1, 1, 1, 0)	61
3201	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 4, 1, 2, 3, 2, 1, 1, 1, 2, 2, 1, 1, 2, 2, 2, 0)	61
3203	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 4, 1, 0)	20
3205	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 4, 1, 2, 4, 0)	20
3207	(4, 3, 2, 5, 4, 1, 2, 3, 1, 1, 4, 2, 1, 1, 0)	15
3209	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 3, 5, 1, 3, 1, 1, 1, 1, 2, 1, 1, 2, 0)	25
3211	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 5, 2, 1, 3, 2, 1, 0)	44
3213	(8, 2, 5, 3, 0)	5
3215	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 2, 2, 1, 1, 2, 1, 2, 3, 1, 4, 1, 1, 1, 0)	61
3217	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 1, 2, 1, 1, 2, 3, 2, 0)	25
3219	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 1, 2, 1, 3, 1, 3, 1, 0)	25
3221	(10, 1, 1, 6, 0)	5
3223	(8, 8, 1, 1, 0)	5
3225	(4, 3, 2, 1, 3, 3, 3, 6, 1, 1, 1, 1, 1, 1, 3, 2, 3, 1, 2, 0)	20
3227	(4, 3, 2, 1, 1, 4, 4, 5, 2, 1, 2, 3, 2, 1, 2, 1, 3, 2, 3, 1, 2, 2, 1, 1, 1, 2, 1, 1, 1, 2, 2, 1, 1, 1, 2, 1, 0)	37
3229	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 1, 2, 1, 3, 0)	25
3231	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 3, 3, 1, 4, 2, 4, 1, 1, 2, 1, 1, 1, 2, 1, 1, 1, 1, 0)	61
3233	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 2, 2, 1, 5, 1, 2, 1, 2, 3, 2, 1, 2, 2, 2, 3, 1, 1, 2, 1, 1, 1, 1, 1, 3, 2, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 2, 1, 2, 2, 0)	61
3235	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 1, 5, 1, 0)	15
3237	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 4, 0)	15
3239	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 5, 3, 2, 1, 1, 2, 1, 2, 1, 1, 0)	44
3241	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 1, 4, 5, 1, 1, 1, 1, 1, 1, 2, 0)	61
3243	(4, 5, 1, 1, 5, 1, 2, 2, 2, 4, 2, 2, 2, 1, 0)	15
3245	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 2, 2, 3, 0)	49

3247	(4, 5, 1, 1, 3, 6, 3, 2, 1, 3, 2, 1, 1, 1, 0)	15
3249	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 2, 4, 2, 0)	49
3251	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 4, 3, 1, 0)	49
3253	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 5, 0)	13
3255	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 1, 4, 2, 1, 3, 1, 2, 1, 3, 1, 1, 0)	25
3257	(4, 5, 1, 1, 5, 3, 3, 2, 1, 1, 3, 2, 1, 2, 0)	15
3259	(4, 5, 1, 1, 5, 3, 5, 1, 1, 1, 3, 1, 2, 1, 0)	15
3261	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 4, 3, 2, 2, 1, 1, 3, 0)	49
3263	(4, 3, 2, 1, 1, 4, 4, 1, 5, 3, 1, 1, 1, 5, 1, 2, 1, 3, 2, 1, 1, 1, 1, 1, 0)	25
3265	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 4, 2, 3, 2, 2, 0)	49
3267	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 4, 1, 0)	49
3269	(4, 3, 2, 1, 1, 4, 2, 2, 3, 1, 4, 4, 0)	13
3271	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 5, 3, 2, 3, 2, 2, 1, 1, 0)	49
3273	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 1, 6, 1, 1, 2, 0)	49
3275	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 3, 1, 4, 2, 1, 0)	49
3277	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 3, 3, 0)	13
3279	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 1, 1, 1, 1, 4, 2, 1, 1, 1, 3, 1, 1, 3, 1, 1, 1, 0)	37
3281	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 1, 2, 5, 1, 1, 1, 2, 1, 3, 2, 0)	25
3283	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 1, 2, 5, 1, 1, 3, 1, 1, 3, 1, 0)	25
3285	(4, 3, 2, 1, 3, 3, 7, 0)	8
3287	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 1, 3, 1, 2, 2, 1, 4, 1, 1, 0)	25
3289	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 1, 2, 1, 5, 1, 2, 0)	49

3291	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 4, 5, 3, 1, 1, 2, 1, 0)	49
3293	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 3, 0)	49
3295	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 8, 2, 3, 1, 1, 1, 1, 0)	49
3297	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 1, 3, 1, 1, 1, 1, 4, 3, 1, 1, 1, 1, 1, 2, 2, 0)	44
3299	(4, 3, 2, 1, 3, 9, 1, 0)	8
3301	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 3, 3, 2, 1, 2, 2, 1, 4, 0)	49
3303	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 1, 3, 2, 2, 3, 2, 2, 2, 1, 1, 2, 1, 1, 0)	25
3305	(4, 5, 1, 5, 2, 3, 1, 2, 4, 2, 1, 1, 1, 2, 0)	15
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3313	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 5, 2, 0)	32
3315	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 3, 1, 1, 2, 3, 1, 0)	25
3317	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 3, 1, 1, 5, 0)	32
3319	(4, 3, 2, 1, 1, 4, 4, 5, 2, 3, 1, 1, 0)	13
3321	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 4, 1, 1, 1, 2, 1, 1, 1, 1, 2, 3, 1, 2, 1, 2, 0)	37
3323	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 3, 2, 2, 6, 1, 3, 2, 1, 2, 3, 1, 1, 1, 1, 1, 3, 1, 1, 1, 2, 1, 2, 1, 1, 1, 2, 1, 2, 1, 0)	42
3325	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 3, 1, 1, 1, 1, 3, 0)	49
3327	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 3, 1, 1, 1, 1, 1, 1, 1, 0)	25
3329	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 5, 1, 1, 1, 3, 2, 2, 2, 0)	32
3331	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 2, 2, 1, 1, 1, 1, 1, 2, 4, 1, 0)	66
3333	(4, 3, 2, 1, 7, 2, 4, 0)	8
3335	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 4, 1, 1, 1, 1, 1, 3, 2, 1, 1, 0)	66

3337	(10, 1, 1, 4, 2, 3, 1, 1, 1, 2, 2, 3, 1, 1, 2, 2, 2, 2, 1, 1, 2, 0)	22
3339	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 3, 1, 2, 2, 2, 3, 2, 1, 0)	32
3341	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 4, 3, 0)	49
3343	(4, 3, 2, 1, 1, 6, 3, 2, 6, 1, 1, 1, 0)	13
3345	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 3, 3, 2, 0)	49
3347	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 1, 3, 1, 0)	32
3349	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 0)	13
3351	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 4, 1, 5, 1, 1, 0)	49
3353	(4, 3, 2, 1, 1, 10, 2, 1, 1, 3, 1, 2, 0)	13
3355	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 6, 2, 2, 2, 2, 2, 1, 1, 1, 1, 1, 2, 1, 0)	32
3357	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 2, 2, 1, 3, 0)	30
3359	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 7, 2, 1, 1, 1, 1, 0)	49
3361	(4, 3, 2, 1, 3, 1, 2, 4, 6, 1, 2, 2, 0)	13
3363	(4, 3, 2, 1, 3, 1, 2, 6, 1, 2, 5, 1, 0)	13
3365	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 1, 4, 0)	13
3367	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 3, 1, 3, 2, 1, 1, 1, 3, 3, 1, 2, 1, 1, 0)	30
3369	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 2, 2, 1, 4, 5, 1, 1, 2, 2, 1, 1, 1, 1, 1, 3, 1, 1, 1, 1, 2, 0)	66
3371	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 2, 2, 1, 0)	25
3373	(4, 3, 2, 1, 3, 1, 4, 1, 2, 5, 2, 3, 0)	13
3375	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 5, 4, 2, 2, 1, 1, 2, 2, 2, 1, 1, 1, 0)	49
3377	(8, 2, 5, 1, 1, 2, 1, 4, 2, 0)	10
3379	(8, 2, 5, 1, 1, 2, 3, 3, 1, 0)	10
3381	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 5, 0)	13
3383	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 3, 1, 1, 0)	49

3385	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 2, 2, 1, 1, 2, 1, 2, 3, 1, 4, 1, 1, 1, 1, 2, 2, 1, 2, 0)	66
3387	(4, 3, 2, 1, 3, 1, 4, 1, 8, 1, 2, 1, 0)	13
3389	(10, 1, 1, 4, 2, 3, 1, 1, 3, 0)	10
3391	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 4, 2, 3, 2, 4, 1, 2, 1, 1, 1, 2, 2, 3, 1, 2, 1, 3, 1, 1, 1, 1, 1, 0)	66
3393	(4, 3, 2, 1, 3, 1, 4, 3, 1, 5, 2, 2, 0)	13
3395	(10, 1, 3, 3, 1, 2, 1, 4, 1, 0)	10
3397	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 0)	20
3399	(4, 3, 2, 1, 1, 4, 4, 5, 2, 1, 2, 3, 2, 1, 2, 1, 3, 2, 3, 1, 2, 2, 1, 1, 1, 2, 1, 1, 1, 2, 2, 1, 1, 3, 1, 1, 1, 2, 2, 1, 1, 0)	42
3401	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 1, 2, 0)	30
3403	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 5, 2, 1, 0)	20
3405	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 3, 3, 0)	20
3407	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 1, 5, 1, 2, 3, 1, 1, 1, 0)	20
3409	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 5, 3, 2, 1, 1, 2, 1, 2, 1, 1, 1, 1, 1, 3, 2, 0)	49
3411	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 5, 3, 2, 1, 1, 2, 3, 1, 1, 1, 1, 1, 1, 3, 1, 0)	49
3413	(4, 11, 0)	3
3415	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 2, 2, 1, 2, 2, 4, 1, 1, 0)	54
3417	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 3, 2, 4, 1, 2, 0)	18
3419	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 4, 1, 3, 2, 1, 1, 2, 1, 0)	54
3421	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 4, 1, 3, 0)	18
3423	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 4, 1, 2, 5, 1, 1, 1, 1, 0)	54
3425	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 5, 2, 1, 1, 2, 2, 0)	18
3427	(4, 3, 2, 5, 2, 6, 1, 0)	8
3429	(4, 3, 2, 5, 4, 1, 4, 0)	8
3431	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 0)	42

3433	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 4, 3, 2, 2, 1, 1, 1, 5, 1, 1, 1, 2, 0)	54
3435	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 4, 3, 4, 1, 1, 1, 1, 3, 1, 2, 2, 1, 0)	54
3437	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 2, 2, 1, 1, 2, 3, 0)	54
3439	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 4, 2, 3, 2, 4, 1, 2, 1, 1, 1, 0)	54
3441	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 6, 2, 0)	37
3443	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 3, 1, 0)	18
3445	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 5, 0)	37
3447	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 4, 1, 3, 3, 1, 1, 0)	18
3449	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 3, 1, 6, 1, 1, 1, 1, 2, 1, 2, 0)	54
3451	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 3, 3, 2, 2, 1, 2, 1, 0)	18
3453	(4, 3, 2, 1, 3, 3, 3, 6, 1, 1, 1, 3, 0)	13
3455	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 4, 1, 1, 1, 1, 1, 1, 0)	18
3457	(4, 3, 2, 1, 3, 3, 5, 3, 1, 2, 2, 2, 0)	13
3459	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 3, 4, 1, 0)	37
3461	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 1, 2, 4, 0)	54
3463	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 7, 2, 1, 1, 0)	37
3465	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 1, 2, 5, 1, 2, 1, 1, 2, 0)	54
3467	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 3, 1, 1, 3, 2, 1, 0)	54
3469	(4, 5, 1, 1, 3, 6, 3, 0)	8
3471	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 6, 4, 1, 1, 1, 0)	37
3473	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 3, 1, 3, 2, 3, 2, 0)	37
3475	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 3, 1, 5, 1, 3, 1, 0)	37
3477	(4, 5, 1, 1, 5, 1, 6, 0)	8

3479	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 1, 6, 1, 1, 0)	18
3481	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 3, 3, 1, 2, 0)	18
3483	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 7, 1, 1, 1, 2, 1, 1, 2, 1, 1, 2, 2, 3, 1, 1, 1, 2, 1, 0)	30
3485	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 3, 3, 4, 1, 2, 1, 2, 4, 2, 1, 1, 1, 1, 1, 2, 1, 1, 1, 1, 1, 2, 1, 3, 0)	66
3487	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 4, 1, 1, 1, 3, 2, 1, 2, 2, 1, 1, 3, 3, 1, 2, 1, 2, 1, 1, 1, 1, 0)	47
3489	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 3, 1, 1, 2, 1, 2, 2, 2, 1, 2, 2, 0)	30
3491	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 2, 2, 1, 5, 1, 0)	54
3493	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 4, 1, 1, 1, 4, 0)	54
3495	(4, 3, 2, 1, 1, 4, 4, 5, 2, 1, 2, 3, 2, 1, 2, 1, 1, 0)	18
3497	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 3, 1, 7, 1, 1, 1, 1, 1, 2, 0)	37
3499	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 3, 2, 2, 6, 1, 3, 2, 1, 2, 3, 1, 1, 1, 1, 1, 3, 1, 1, 1, 2, 1, 2, 1, 1, 1, 2, 1, 2, 1, 1, 2, 2, 2, 1, 0)	47
3501	(4, 3, 8, 1, 2, 2, 3, 0)	8
3503	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 1, 1, 1, 1, 4, 2, 1, 1, 1, 0)	30
3505	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 2, 3, 4, 2, 0)	18
3507	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 2, 5, 3, 1, 0)	18
3509	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 1, 2, 5, 0)	18
3511	(4, 3, 2, 1, 7, 4, 1, 3, 1, 3, 1, 1, 0)	13
3513	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 6, 2, 1, 2, 0)	18
3515	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 2, 4, 2, 3, 1, 2, 1, 0)	54
3517	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 4, 3, 1, 2, 1, 1, 3, 0)	54
3519	(10, 1, 1, 4, 2, 3, 1, 1, 1, 4, 1, 3, 2, 2, 1, 3, 3, 1, 1, 1, 2, 1, 1, 1, 1, 1, 0)	27
3521	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 1, 1, 2, 1, 1, 3, 2, 2, 0)	37
3523	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 1, 3, 1, 1, 1, 1, 4, 1, 0)	37
3525	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 4, 0)	42
3527	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 2, 2, 1, 1, 0)	18
3529	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 1, 3, 4, 1, 1, 2, 0)	18

3531	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 2, 2, 1, 1, 1, 2, 4, 2, 1, 0)	35
3533	(4, 5, 1, 5, 2, 3, 3, 0)	8
3535	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 5, 2, 2, 2, 3, 1, 2, 2, 2, 1, 2, 1, 3, 1, 1, 1, 0)	54
3537	(4, 5, 1, 7, 1, 3, 2, 0)	8
3539	(4, 3, 2, 1, 3, 1, 2, 4, 6, 1, 2, 2, 2, 1, 1, 3, 1, 0)	18
3541	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 7, 0)	42
3543	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 1, 4, 1, 1, 4, 1, 1, 0)	18
3545	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 1, 6, 1, 2, 0)	18
3547	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 1, 4, 6, 1, 1, 2, 1, 0)	18
3549	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 3, 1, 3, 0)	18
3551	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 4, 1, 1, 3, 1, 1, 1, 1, 0)	30
3553	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 3, 1, 1, 1, 2, 2, 0)	18
3555	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 7, 1, 0)	42
3557	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 1, 2, 1, 1, 1, 2, 1, 4, 0)	54
3559	(8, 2, 5, 1, 1, 2, 3, 3, 3, 1, 1, 2, 1, 1, 0)	15
3561	(8, 2, 3, 6, 2, 1, 2, 2, 1, 2, 1, 1, 1, 2, 0)	15
3563	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 2, 2, 1, 0)	59
3565	(10, 1, 1, 4, 2, 3, 1, 1, 1, 2, 2, 1, 2, 3, 0)	15
3567	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 4, 3, 2, 2, 1, 1, 1, 5, 1, 1, 3, 3, 2, 2, 1, 1, 2, 1, 2, 1, 1, 2, 2, 1, 1, 2, 1, 1, 1, 0)	71
3569	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 5, 2, 0)	25
3571	(4, 5, 7, 1, 2, 3, 1, 0)	8
3573	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 5, 0)	25
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3581	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 3, 1, 1, 1, 1, 1, 3, 0)	35
3583	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 1, 2, 1, 5, 3, 3, 1, 1, 1, 1, 1, 1, 1, 1, 0)	35

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3587	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 5, 2, 4, 1, 0)	42
3589	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 2, 4, 0)	23
3591	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 5, 3, 2, 1, 1, 2, 3, 1, 1, 1, 1, 1, 1, 1, 2, 2, 3, 2, 1, 1, 0)	54
3593	(4, 9, 4, 2, 1, 1, 2, 0)	8
3595	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 3, 3, 2, 1, 0)	23
3597	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 4, 3, 0)	42
3599	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 3, 1, 5, 1, 1, 1, 0)	23
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3603	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 4, 1, 2, 3, 2, 1, 1, 1, 2, 2, 1, 3, 1, 0)	59
3605	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 6, 0)	18
3607	(4, 3, 2, 5, 4, 1, 2, 1, 2, 5, 1, 1, 0)	13
3609	(4, 3, 2, 5, 4, 1, 2, 3, 1, 3, 1, 2, 0)	13
3611	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 3, 5, 1, 3, 1, 1, 1, 1, 2, 1, 0)	23
3613	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 5, 2, 1, 3, 0)	42
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3617	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 2, 2, 1, 1, 2, 1, 2, 3, 1, 2, 2, 0)	59
3619	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 3, 5, 1, 0)	18
3621	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 1, 2, 1, 1, 4, 0)	23
3623	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 7, 1, 2, 1, 1, 0)	42
3625	(4, 3, 2, 1, 1, 4, 2, 2, 3, 1, 4, 2, 4, 4, 1, 1, 2, 1, 1, 1, 1, 2, 0)	23
3627	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 5, 2, 2, 1, 0)	18
3629	(4, 3, 2, 1, 3, 3, 3, 6, 1, 1, 1, 1, 1, 1, 3, 2, 3, 0)	18
3631	(4, 3, 2, 1, 1, 4, 4, 5, 2, 1, 2, 3, 2, 1, 2, 1, 3, 2, 3, 1, 2, 2, 1, 1, 1, 2, 1, 1, 1, 2, 2, 1, 1, 1, 0)	35
3633	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 1, 4, 2, 0)	23
3635	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 0)	23
3637	(10, 5, 0)	3

3639	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 2, 2, 1, 5, 1, 2, 1, 2, 3, 2, 1, 2, 2, 2, 3, 1, 1, 2, 1, 1, 1, 1, 1, 3, 2, 1, 1, 1, 1, 1, 1, 1, 1, 1, 3, 1, 1, 0)	59
3641	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 3, 2, 2, 2, 2, 2, 1, 2, 0)	42
3643	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 1, 2, 2, 2, 4, 1, 2, 1, 0)	59
3645	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 3, 0)	13
3647	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 1, 4, 5, 1, 1, 1, 1, 1, 0)	59
3649	(4, 5, 1, 1, 5, 1, 2, 2, 2, 4, 2, 2, 0)	13
3651	(4, 5, 1, 1, 5, 1, 2, 2, 4, 1, 4, 1, 0)	13
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3659	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 6, 2, 1, 0)	47
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3663	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 1, 4, 2, 1, 3, 3, 1, 1, 1, 0)	23
3665	(4, 5, 1, 1, 5, 3, 3, 2, 1, 1, 3, 2, 0)	13
3667	(4, 5, 1, 1, 5, 3, 5, 1, 1, 1, 3, 1, 0)	13
3669	(4, 3, 2, 1, 1, 4, 2, 2, 1, 8, 0)	11
3671	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 4, 3, 4, 1, 1, 0)	47
3673	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 2, 2, 1, 3, 2, 1, 1, 4, 1, 2, 0)	59
3675	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 3, 1, 1, 2, 1, 2, 2, 2, 1, 4, 1, 2, 1, 1, 2, 1, 0)	35
3677	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 3, 0)	47
3679	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 4, 1, 1, 1, 4, 4, 1, 1, 1, 1, 0)	59
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3683	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 1, 6, 1, 0)	47
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3687	(4, 3, 6, 4, 4, 3, 1, 1, 1, 2, 1, 1, 0)	13
3689	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 1, 1, 1, 1, 4, 2, 1, 1, 1, 3, 1, 1, 1, 2, 0)	35

3691	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 2, 3, 4, 2, 2, 1, 2, 2, 1, 0)	23
3693	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 1, 2, 5, 1, 1, 1, 2, 3, 0)	23
3695	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 2, 2, 1, 1, 1, 1, 1, 2, 4, 1, 2, 2, 1, 3, 2, 1, 2, 1, 1, 1, 0)	76
3697	(4, 3, 2, 1, 1, 4, 2, 2, 7, 2, 0)	11
3699	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 1, 3, 1, 2, 2, 3, 1, 0)	23
3701	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 1, 2, 1, 5, 0)	47
3703	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 4, 5, 3, 1, 1, 0)	47
3705	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 4, 3, 3, 1, 1, 1, 3, 1, 1, 2, 1, 2, 0)	59
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3713	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 2, 2, 1, 1, 1, 1, 2, 2, 2, 0)	23
3715	(4, 3, 2, 1, 1, 4, 2, 6, 4, 1, 0)	11
3717	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 3, 3, 2, 1, 2, 4, 0)	47
3719	(4, 5, 1, 5, 2, 3, 1, 2, 4, 2, 1, 1, 0)	13
3721	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 7, 1, 1, 1, 2, 1, 1, 2, 1, 1, 2, 0)	23
3723	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 3, 5, 1, 3, 2, 1, 0)	47
3725	(4, 3, 2, 1, 1, 4, 4, 1, 5, 3, 0)	11
3727	(4, 3, 2, 1, 3, 1, 2, 4, 6, 1, 2, 2, 2, 1, 1, 3, 1, 1, 4, 1, 1, 1, 0)	23
3729	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 1, 2, 3, 2, 0)	23
3731	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 3, 1, 3, 1, 0)	23
3733	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 6, 0)	30
3735	(4, 3, 2, 1, 1, 4, 4, 7, 1, 1, 0)	11
3737	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 4, 1, 1, 1, 2, 1, 1, 1, 1, 2, 3, 1, 2, 0)	35
3739	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 3, 2, 2, 6, 1, 3, 2, 1, 2, 3, 1, 1, 1, 1, 1, 3, 1, 1, 1, 2, 1, 2, 1, 1, 1, 2, 1, 0)	40
3741	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 3, 0)	47
3743	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 1, 1, 0)	23

3745	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 1, 2, 1, 1, 1, 2, 1, 4, 1, 2, 1, 2, 2, 0)	59
3747	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 5, 1, 1, 1, 5, 1, 0)	30
3749	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 2, 2, 1, 1, 1, 1, 4, 0)	64
3751	(8, 2, 3, 6, 2, 1, 2, 2, 1, 2, 1, 1, 3, 1, 2, 1, 2, 1, 1, 0)	20
3753	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 3, 1, 1, 5, 2, 1, 1, 1, 1, 1, 1, 1, 2, 0)	59
3755	(10, 1, 1, 4, 2, 3, 1, 1, 1, 2, 2, 3, 1, 1, 2, 2, 2, 2, 1, 0)	20
3757	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 3, 1, 2, 2, 2, 3, 0)	30
3759	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 5, 2, 3, 2, 1, 1, 1, 0)	30
3761	(4, 3, 2, 1, 1, 6, 3, 2, 4, 2, 0)	11
3763	(4, 3, 2, 1, 1, 6, 3, 4, 3, 1, 0)	11
3765	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 5, 0)	47
3767	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 3, 1, 1, 0)	30
3769	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 3, 1, 1, 1, 1, 1, 1, 2, 3, 2, 1, 2, 0)	40
3771	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 3, 1, 1, 1, 1, 1, 3, 1, 3, 1, 2, 1, 0)	40
3773	(4, 3, 2, 1, 1, 10, 2, 1, 1, 3, 0)	11
3775	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 6, 2, 2, 2, 2, 2, 1, 1, 1, 1, 1, 0)	30
3777	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 3, 3, 2, 2, 0)	47
3779	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 4, 1, 0)	28
3781	(4, 3, 2, 1, 3, 1, 2, 4, 4, 4, 0)	11
3783	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 5, 2, 2, 1, 1, 0)	47
3785	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 4, 1, 1, 5, 1, 1, 2, 0)	47
3787	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 3, 1, 3, 2, 1, 1, 1, 1, 4, 2, 1, 0)	28
3789	(4, 3, 2, 1, 3, 1, 2, 6, 3, 3, 0)	11
3791	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 2, 2, 1, 4, 5, 1, 1, 2, 2, 1, 1, 1, 1, 1, 3, 1, 1, 1, 0)	64
3793	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 2, 0)	23
3795	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 4, 1, 1, 3, 1, 0)	23
3797	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 0)	11

3799	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 4, 1, 4, 1, 4, 1, 1, 0)	23
3801	(8, 2, 3, 2, 5, 1, 2, 0)	8
3803	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 3, 5, 1, 3, 1, 1, 1, 1, 2, 1, 3, 1, 1, 2, 1, 0)	28
3805	(8, 2, 5, 1, 3, 1, 3, 0)	8
3807	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 3, 1, 1, 1, 1, 0)	47
3809	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 2, 2, 1, 1, 2, 1, 2, 3, 1, 4, 1, 1, 1, 1, 2, 2, 0)	64
3811	(4, 3, 2, 1, 3, 1, 4, 1, 8, 1, 0)	11
3813	(10, 1, 1, 4, 2, 1, 4, 0)	8
3815	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 4, 2, 3, 2, 4, 1, 2, 1, 1, 1, 2, 2, 3, 1, 2, 1, 1, 2, 1, 1, 0)	64
3817	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 3, 1, 1, 3, 2, 2, 1, 1, 1, 2, 0)	28
3819	(8, 8, 1, 1, 2, 2, 1, 0)	8
3821	(10, 1, 3, 3, 1, 2, 3, 0)	8
3823	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 5, 3, 2, 3, 2, 2, 1, 3, 1, 1, 4, 1, 1, 2, 1, 3, 1, 1, 1, 2, 1, 1, 1, 0)	64
3825	(4, 3, 2, 1, 3, 1, 4, 3, 5, 2, 0)	11
3827	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 0)	28
3829	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 5, 0)	18
3831	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 2, 2, 1, 5, 1, 2, 1, 2, 3, 2, 1, 2, 2, 2, 3, 1, 1, 2, 1, 1, 1, 1, 1, 3, 2, 1, 1, 1, 1, 1, 1, 1, 1, 1, 2, 1, 2, 2, 3, 1, 1, 0)	64
3833	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 1, 5, 1, 2, 1, 2, 0)	18
3835	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 3, 2, 2, 2, 2, 2, 3, 1, 1, 2, 1, 2, 1, 0)	47
3837	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 5, 3, 2, 1, 1, 2, 1, 2, 1, 1, 1, 1, 3, 0)	47
3839	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 2, 5, 3, 3, 6, 1, 1, 2, 1, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 1, 1, 1, 1, 1, 1, 1, 0)	40
3841	(4, 3, 2, 1, 3, 1, 8, 2, 2, 2, 0)	11
3843	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 2, 2, 1, 2, 4, 1, 0)	52
3845	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 3, 2, 4, 0)	16
3847	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 4, 1, 3, 2, 1, 1, 0)	52

3849	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 6, 2, 2, 1, 3, 1, 2, 2, 1, 1, 2, 2, 1, 1, 2, 0)	47
3851	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 4, 1, 2, 3, 2, 1, 0)	52
3853	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 4, 3, 0)	16
3855	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 7, 1, 1, 1, 0)	16
3857	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 3, 3, 2, 0)	16
3859	(4, 5, 1, 1, 5, 3, 3, 2, 1, 1, 3, 2, 1, 2, 1, 3, 1, 0)	18
3861	(4, 3, 2, 5, 6, 0)	6
3863	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 4, 3, 2, 2, 1, 1, 1, 5, 1, 1, 0)	52
3865	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 4, 3, 4, 1, 1, 1, 1, 3, 1, 2, 0)	52
3867	(4, 3, 2, 1, 1, 4, 4, 1, 5, 3, 1, 1, 1, 5, 1, 2, 1, 5, 1, 1, 1, 1, 1, 1, 1, 2, 1, 0)	28
3869	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 2, 2, 1, 3, 0)	52
3871	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 3, 1, 1, 2, 1, 2, 2, 2, 1, 4, 1, 2, 1, 1, 2, 3, 2, 1, 1, 1, 1, 0)	40
3873	(4, 3, 2, 1, 1, 4, 2, 2, 3, 1, 4, 4, 1, 2, 2, 0)	16
3875	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 5, 1, 0)	16
3877	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 4, 1, 1, 4, 0)	16
3879	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 1, 6, 1, 3, 1, 2, 1, 1, 0)	52
3881	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 3, 1, 6, 1, 1, 1, 1, 2, 0)	52
3883	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 3, 3, 2, 2, 1, 0)	16
3885	(4, 3, 2, 1, 3, 3, 3, 4, 2, 3, 0)	11
3887	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 0)	16
3889	(4, 3, 2, 1, 3, 3, 5, 1, 4, 2, 0)	11
3891	(4, 3, 2, 1, 3, 3, 5, 3, 3, 1, 0)	11
3893	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 5, 0)	35
3895	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 1, 3, 1, 2, 2, 1, 4, 1, 1, 3, 1, 1, 0)	28

3897	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 1, 2, 1, 5, 1, 2, 2, 1, 2, 0)	52
3899	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 1, 2, 5, 1, 2, 1, 0)	52
3901	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 3, 1, 1, 3, 0)	52
3903	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 4, 3, 3, 1, 1, 1, 3, 1, 1, 2, 3, 3, 1, 1, 1, 1, 1, 0)	64
3905	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 6, 2, 2, 0)	35
3907	(4, 3, 2, 1, 3, 7, 2, 1, 4, 1, 0)	11
3909	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 3, 1, 3, 4, 0)	35
3911	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 2, 2, 1, 1, 1, 1, 2, 4, 1, 1, 2, 2, 1, 1, 0)	28
3913	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 3, 3, 2, 1, 2, 2, 3, 3, 1, 1, 2, 0)	52
3915	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 3, 5, 2, 1, 0)	35
3917	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 3, 3, 0)	16
3919	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 7, 1, 1, 1, 2, 1, 1, 2, 1, 1, 2, 2, 3, 1, 1, 1, 0)	28
3921	(4, 3, 2, 1, 1, 4, 4, 1, 5, 3, 1, 1, 1, 3, 2, 0)	16
3923	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 3, 3, 4, 1, 2, 1, 2, 4, 2, 1, 1, 1, 1, 1, 2, 1, 1, 1, 1, 3, 1, 0)	64
3925	(4, 5, 1, 1, 9, 0)	6
3927	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 3, 1, 1, 2, 1, 2, 4, 1, 1, 0)	28
3929	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 3, 1, 1, 3, 4, 1, 2, 0)	35
3931	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 1, 2, 6, 2, 1, 1, 3, 1, 1, 1, 1, 2, 2, 1, 1, 2, 1, 0)	28
3933	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 4, 1, 3, 0)	52
3935	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 3, 1, 7, 1, 1, 1, 1, 0)	35
3937	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 3, 2, 2, 6, 1, 3, 2, 1, 2, 3, 1, 1, 1, 1, 1, 3, 1, 1, 1, 2, 1, 2, 1, 1, 1, 2, 1, 2, 1, 1, 2, 2, 0)	45
3939	(4, 3, 6, 6, 1, 0)	6
3941	(4, 3, 8, 1, 4, 0)	6

3943	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 9, 2, 1, 1, 2, 3, 1, 4, 1, 1, 1, 4, 1, 2, 1, 1, 1, 1, 1, 1, 1, 1, 2, 1, 1, 0)	64
3945	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 5, 1, 1, 1, 3, 2, 4, 1, 1, 1, 2, 0)	35
3947	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 2, 2, 1, 1, 1, 1, 1, 2, 4, 1, 2, 2, 1, 0)	69
3949	(4, 3, 2, 1, 7, 4, 1, 1, 2, 3, 0)	11
3951	(8, 2, 3, 6, 2, 1, 2, 2, 1, 2, 1, 1, 3, 1, 2, 1, 2, 1, 3, 1, 2, 1, 1, 1, 0)	25
3953	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 6, 2, 0)	16
3955	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 2, 4, 2, 3, 1, 0)	52
3957	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 5, 0)	16
3959	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 4, 3, 3, 1, 1, 0)	52
3961	(4, 3, 2, 1, 1, 6, 3, 2, 6, 1, 1, 1, 2, 1, 2, 0)	16
3963	(4, 3, 2, 1, 1, 6, 3, 4, 3, 1, 2, 2, 1, 2, 1, 0)	16
3965	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 1, 3, 1, 1, 1, 3, 0)	35
3967	(4, 3, 2, 1, 1, 6, 5, 5, 3, 1, 1, 1, 1, 1, 1, 0)	16
3969	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 4, 1, 3, 2, 1, 2, 2, 2, 0)	52
3971	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 1, 3, 4, 1, 0)	16
3973	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 2, 2, 1, 1, 1, 2, 4, 0)	33
3975	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 5, 2, 1, 1, 0)	16
3977	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 5, 2, 2, 2, 3, 1, 2, 2, 2, 1, 2, 1, 1, 2, 0)	52
3979	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 4, 1, 1, 1, 3, 2, 1, 0)	33
3981	(4, 5, 1, 7, 3, 0)	6
3983	(4, 3, 2, 1, 3, 1, 2, 4, 6, 1, 2, 4, 1, 1, 1, 0)	16
3985	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 1, 2, 2, 3, 2, 0)	16
3987	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 1, 4, 1, 3, 1, 0)	16
3989	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 1, 6, 0)	16
3991	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 1, 4, 6, 1, 1, 0)	16

3993	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 1, 6, 3, 1, 2, 0)	16
3995	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 4, 1, 1, 1, 2, 1, 0)	28
3997	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 1, 3, 0)	16
3999	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 4, 1, 2, 3, 2, 1, 1, 1, 4, 1, 1, 5, 1, 1, 1, 1, 3, 1, 2, 1, 1, 1, 1, 0)	69
4001	(8, 2, 5, 1, 1, 2, 1, 4, 2, 1, 2, 2, 0)	13
4003	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 3, 1, 5, 1, 0)	16
4005	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 1, 2, 1, 1, 1, 4, 0)	52
4007	(8, 2, 3, 6, 2, 1, 2, 2, 1, 2, 1, 1, 0)	13
4009	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 2, 0)	57
4011	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 2, 2, 1, 1, 2, 1, 2, 3, 1, 4, 1, 1, 1, 1, 2, 2, 1, 2, 2, 2, 1, 0)	69
4013	(10, 1, 1, 4, 2, 3, 1, 1, 1, 2, 2, 3, 0)	13
4015	(10, 1, 1, 4, 2, 1, 2, 5, 2, 1, 1, 1, 0)	13
4017	(4, 5, 5, 4, 2, 0)	6
4019	(4, 5, 7, 3, 1, 0)	6
4021	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 5, 0)	23
4023	(10, 1, 3, 3, 1, 2, 1, 4, 1, 3, 1, 1, 0)	13
4025	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 0)	23
4027	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 5, 3, 1, 2, 1, 0)	23
4029	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 1, 2, 1, 1, 3, 0)	33
4031	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 1, 2, 1, 5, 3, 1, 2, 1, 1, 1, 1, 1, 0)	33
4033	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 3, 1, 3, 2, 2, 0)	23
4035	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 1, 5, 1, 2, 1, 2, 1, 1, 1, 4, 1, 0)	23
4037	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 5, 4, 0)	40
4039	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 3, 2, 2, 2, 2, 2, 3, 1, 1, 2, 1, 2, 1, 2, 2, 2, 1, 1, 0)	52
4041	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 5, 3, 2, 1, 1, 2, 3, 1, 1, 1, 1, 1, 1, 1, 4, 1, 1, 2, 0)	52

4043	(4, 9, 4, 2, 1, 0)	6
4045	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 3, 3, 0)	21
4047	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 2, 2, 1, 2, 2, 4, 1, 3, 1, 1, 1, 0)	57
4049	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 3, 1, 3, 2, 0)	21
4051	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 4, 1, 3, 2, 1, 1, 2, 1, 1, 3, 1, 0)	57
4053	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 7, 0)	40
4055	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 4, 1, 2, 3, 2, 1, 1, 1, 4, 1, 1, 0)	57
4057	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 7, 1, 2, 0)	40
4059	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 5, 2, 1, 1, 4, 1, 1, 2, 1, 0)	21
4061	(4, 3, 2, 5, 4, 1, 2, 3, 1, 3, 0)	11
4063	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 3, 5, 1, 3, 1, 1, 1, 1, 0)	21
4065	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 2, 2, 0)	45
4067	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 0)	40
4069	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 2, 2, 1, 1, 2, 1, 2, 1, 4, 0)	57
4071	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 4, 3, 4, 1, 1, 1, 1, 3, 1, 4, 1, 1, 2, 1, 1, 0)	57
4073	(4, 3, 2, 1, 1, 4, 4, 1, 5, 3, 1, 1, 1, 5, 1, 2, 1, 5, 1, 1, 1, 1, 1, 1, 3, 1, 1, 2, 1, 1, 1, 2, 0)	33
4075	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 4, 2, 3, 2, 4, 1, 2, 1, 1, 1, 2, 2, 1, 0)	57
4077	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 1, 2, 3, 0)	21
4079	(4, 3, 2, 1, 1, 4, 2, 2, 3, 1, 4, 2, 4, 4, 1, 1, 2, 1, 1, 1, 0)	21
4081	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 5, 2, 0)	16
4083	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 4, 1, 3, 1, 2, 1, 2, 3, 1, 0)	21
4085	(4, 3, 2, 1, 3, 3, 3, 6, 1, 1, 1, 1, 1, 1, 5, 0)	16
4087	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 3, 1, 6, 1, 1, 1, 1, 2, 1, 2, 3, 1, 1, 0)	57
4089	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 3, 3, 2, 2, 1, 2, 1, 2, 1, 2, 0)	21

4091	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 1, 1, 1, 1, 4, 2, 1, 1, 1, 3, 1, 1, 1, 2, 1, 1, 4, 1, 2, 1, 2, 1, 2, 1, 0)	45
4093	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 4, 1, 1, 1, 1, 1, 1, 1, 1, 3, 0)	21
4095	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 2, 2, 1, 5, 1, 2, 1, 2, 3, 2, 1, 2, 2, 2, 3, 1, 1, 2, 1, 1, 1, 1, 1, 5, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 0)	57
4097	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 3, 2, 2, 2, 2, 2, 0)	40
4099	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 1, 2, 2, 2, 4, 1, 0)	57
4101	(4, 5, 1, 1, 3, 4, 2, 2, 2, 4, 0)	11
4103	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 1, 4, 3, 2, 1, 1, 0)	57
4105	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 3, 3, 2, 1, 1, 2, 0)	57
4107	(4, 5, 1, 1, 3, 4, 4, 3, 2, 1, 0)	11
4109	(4, 5, 1, 1, 5, 1, 2, 2, 4, 3, 0)	11
4111	(4, 5, 1, 1, 3, 6, 5, 1, 1, 1, 0)	11
4113	(4, 5, 1, 1, 5, 1, 2, 4, 3, 2, 0)	11
4115	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 3, 1, 3, 2, 3, 2, 1, 3, 1, 0)	40
4117	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 6, 0)	45
4119	(4, 5, 1, 1, 5, 1, 4, 5, 1, 1, 0)	11
4121	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 1, 4, 2, 1, 3, 1, 2, 0)	21
4123	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 1, 3, 2, 2, 3, 2, 2, 2, 1, 1, 2, 1, 3, 2, 2, 1, 1, 1, 1, 2, 1, 0)	33
4125	(4, 5, 1, 1, 5, 3, 3, 2, 1, 3, 0)	11
4127	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 3, 1, 1, 1, 1, 1, 3, 1, 3, 3, 1, 1, 2, 2, 1, 1, 2, 4, 2, 2, 1, 1, 1, 1, 1, 2, 2, 1, 2, 2, 1, 1, 1, 1, 0)	62
4129	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 3, 3, 4, 1, 2, 1, 2, 4, 2, 1, 1, 1, 1, 1, 2, 1, 1, 1, 1, 1, 2, 1, 3, 1, 2, 2, 0)	69
4131	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 4, 5, 1, 0)	45
4133	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 2, 2, 1, 3, 2, 1, 1, 4, 0)	57
4135	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 3, 1, 1, 2, 1, 2, 2, 2, 1, 4, 1, 2, 1, 1, 0)	33
4137	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 1, 2, 3, 4, 2, 1, 1, 2, 2, 1, 1, 1, 1, 2, 0)	33

4139	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 4, 1, 1, 1, 4, 2, 2, 1, 0)	57
4141	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 5, 3, 2, 3, 0)	45
4143	(4, 3, 2, 1, 1, 4, 4, 5, 2, 3, 1, 3, 1, 2, 1, 2, 2, 1, 1, 1, 0)	21
4145	(4, 3, 8, 1, 2, 2, 1, 1, 4, 2, 0)	11
4147	(4, 3, 8, 1, 2, 2, 1, 3, 3, 1, 0)	11
4149	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 5, 0)	45
4151	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 1, 1, 1, 1, 4, 2, 1, 1, 1, 3, 1, 1, 0)	33
4153	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 2, 3, 4, 2, 2, 1, 2, 0)	21
4155	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 2, 5, 1, 4, 1, 2, 1, 0)	21
4157	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 1, 2, 5, 1, 1, 3, 0)	21
4159	(4, 3, 2, 1, 7, 2, 2, 5, 1, 4, 1, 1, 1, 1, 1, 0)	16
4161	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 1, 1, 4, 2, 2, 0)	21
4163	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 1, 3, 1, 4, 1, 0)	21
4165	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 4, 3, 4, 0)	45
4167	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 1, 4, 2, 2, 4, 2, 2, 1, 1, 1, 2, 1, 2, 2, 1, 1, 0)	40
4169	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 4, 3, 3, 1, 1, 1, 3, 1, 1, 2, 0)	57
4171	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 8, 2, 1, 0)	45
4173	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 3, 0)	45
4175	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 1, 3, 1, 1, 1, 1, 4, 3, 1, 1, 1, 0)	40
4177	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 8, 1, 1, 3, 2, 0)	45
4179	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 2, 2, 1, 1, 1, 3, 1, 0)	21
4181	(4, 3, 2, 1, 1, 4, 2, 8, 0)	9
4183	(4, 5, 1, 5, 2, 1, 4, 4, 1, 1, 0)	11
4185	(4, 5, 1, 5, 2, 3, 1, 4, 1, 2, 0)	11
4187	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 7, 1, 1, 1, 2, 1, 1, 2, 1, 0)	21
4189	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 3, 5, 1, 3, 0)	45
4191	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 4, 1, 1, 1, 3, 2, 1, 4, 1, 1, 1, 1, 0)	38
4193	(4, 3, 2, 1, 3, 1, 2, 4, 6, 1, 2, 2, 2, 1, 1, 3, 1, 1, 2, 2, 0)	21
4195	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 1, 6, 1, 0)	21

4197	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 1, 4, 0)	21
4199	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 1, 2, 6, 2, 1, 1, 1, 2, 1, 1, 0)	21
4201	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 1, 6, 3, 1, 1, 1, 2, 0)	21
4203	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 1, 4, 6, 1, 1, 2, 1, 2, 2, 1, 0)	21
4205	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 4, 1, 1, 1, 2, 1, 1, 1, 1, 2, 3, 0)	33
4207	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 3, 2, 2, 6, 1, 3, 2, 1, 2, 3, 1, 1, 1, 1, 1, 3, 1, 1, 1, 2, 1, 2, 1, 1, 1, 0)	38
4209	(4, 3, 2, 1, 1, 4, 8, 2, 0)	9
4211	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 3, 1, 0)	45
4213	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 5, 0)	28
4215	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 1, 2, 1, 1, 1, 2, 1, 4, 3, 1, 1, 0)	57
4217	(8, 2, 5, 1, 1, 2, 3, 3, 3, 1, 1, 2, 1, 1, 2, 1, 2, 0)	18
4219	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 1, 2, 1, 1, 3, 1, 3, 2, 1, 2, 1, 0)	57
4221	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 2, 2, 1, 1, 1, 3, 0)	62
4223	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 3, 1, 1, 5, 2, 1, 1, 1, 1, 1, 1, 0)	57
4225	(10, 1, 1, 4, 2, 3, 1, 1, 1, 2, 2, 3, 1, 1, 2, 2, 2, 0)	18
4227	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 1, 4, 4, 1, 0)	28
4229	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 3, 1, 2, 4, 0)	28
4231	(4, 5, 7, 1, 2, 1, 4, 2, 1, 1, 0)	11
4233	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 4, 2, 3, 2, 4, 1, 2, 1, 1, 1, 2, 2, 1, 6, 3, 1, 1, 1, 1, 1, 1, 1, 2, 1, 1, 1, 2, 1, 1, 2, 0)	74
4235	(10, 1, 3, 3, 1, 2, 1, 4, 1, 1, 2, 1, 2, 1, 3, 2, 1, 0)	18
4237	(4, 3, 2, 1, 1, 6, 5, 3, 0)	9
4239	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 4, 1, 1, 1, 0)	28
4241	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 3, 1, 1, 1, 1, 1, 1, 2, 3, 2, 0)	38
4243	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 3, 1, 1, 1, 1, 1, 3, 1, 3, 1, 0)	38
4245	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 6, 0)	45
4247	(4, 3, 2, 1, 1, 12, 1, 1, 0)	9

4249	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 5, 2, 2, 2, 3, 1, 2, 0)	45
4251	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 1, 5, 1, 2, 1, 2, 1, 1, 3, 3, 2, 1, 1, 1, 2, 1, 0)	28
4253	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 3, 0)	26
4255	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 4, 1, 1, 3, 1, 1, 1, 1, 5, 5, 1, 2, 1, 4, 1, 3, 1, 2, 1, 1, 1, 2, 2, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 4, 1, 1, 1, 2, 2, 3, 2, 1, 1, 1, 1, 2, 1, 1, 1, 1, 0)	74
4257	(4, 9, 4, 2, 1, 1, 2, 1, 2, 2, 0)	11
4259	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 4, 1, 1, 5, 1, 0)	45
4261	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 3, 1, 3, 2, 1, 1, 1, 1, 4, 0)	26
4263	(4, 3, 2, 1, 7, 4, 1, 1, 2, 3, 4, 2, 2, 4, 1, 2, 1, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 1, 1, 3, 2, 1, 3, 1, 2, 1, 1, 1, 1, 2, 1, 2, 1, 1, 0)	45
4265	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 2, 2, 1, 4, 5, 1, 1, 2, 2, 1, 1, 1, 1, 1, 1, 2, 0)	62
4267	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 5, 3, 2, 2, 2, 1, 0)	45
4269	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 3, 0)	21
4271	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 4, 1, 2, 3, 2, 1, 1, 1, 4, 1, 1, 3, 2, 1, 1, 1, 0)	62
4273	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 4, 1, 2, 4, 2, 0)	21
4275	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 4, 1, 4, 3, 1, 0)	21
4277	(8, 2, 3, 2, 5, 0)	6
4279	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 3, 5, 1, 3, 1, 1, 1, 1, 2, 1, 3, 1, 1, 0)	26
4281	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 5, 2, 1, 3, 2, 1, 2, 0)	45
4283	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 0)	45
4285	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 2, 2, 1, 1, 2, 1, 2, 3, 1, 2, 2, 1, 1, 3, 0)	62
4287	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 7, 1, 4, 2, 1, 1, 1, 1, 1, 0)	45
4289	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 1, 2, 1, 1, 2, 3, 2, 2, 0)	26
4291	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 1, 2, 1, 3, 1, 1, 4, 1, 0)	26
4293	(10, 1, 1, 4, 4, 0)	6
4295	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 3, 1, 1, 3, 2, 2, 1, 1, 0)	26
4297	(8, 8, 1, 1, 2, 0)	6
4299	(4, 3, 2, 1, 3, 3, 3, 6, 1, 1, 1, 1, 1, 1, 3, 2, 1, 4, 2, 1, 0)	21
4301	(10, 1, 3, 3, 3, 0)	6

4303	(4, 3, 2, 1, 1, 4, 4, 5, 2, 1, 2, 3, 2, 1, 2, 1, 3, 2, 3, 1, 2, 2, 1, 1, 1, 2, 1, 1, 1, 2, 2, 1, 1, 3, 1, 1, 1, 0)	38
4305	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 1, 2, 1, 3, 2, 0)	26
4307	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 3, 1, 0)	26
4309	(4, 3, 2, 1, 3, 1, 4, 7, 0)	9
4311	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 2, 2, 1, 5, 1, 2, 1, 2, 3, 2, 1, 2, 2, 2, 3, 1, 1, 2, 1, 1, 1, 1, 1, 3, 2, 1, 1, 1, 1, 1, 1, 1, 1, 1, 2, 1, 4, 1, 1, 0)	62
4313	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 1, 5, 1, 2, 0)	16
4315	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 3, 2, 2, 2, 2, 2, 3, 1, 1, 2, 1, 0)	45
4317	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 3, 0)	16
4319	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 5, 3, 2, 1, 1, 2, 3, 1, 1, 1, 1, 0)	45
4321	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 1, 4, 5, 1, 1, 1, 1, 1, 1, 2, 2, 0)	62
4323	(4, 3, 2, 1, 3, 1, 10, 1, 0)	9
4325	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 2, 2, 1, 4, 0)	50
4327	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 3, 1, 1, 3, 2, 1, 1, 4, 2, 1, 1, 2, 1, 1, 0)	62
4329	(4, 5, 1, 1, 3, 6, 3, 2, 1, 3, 2, 1, 1, 1, 2, 0)	16
4331	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 6, 2, 2, 1, 3, 1, 2, 2, 1, 1, 2, 2, 1, 0)	45
4333	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 4, 1, 2, 3, 0)	50
4335	(4, 3, 2, 1, 3, 7, 2, 1, 4, 1, 4, 3, 1, 1, 1, 1, 2, 1, 1, 1, 0)	21
4337	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 5, 2, 0)	14
4339	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 1, 4, 2, 1, 3, 1, 2, 1, 1, 2, 3, 1, 0)	26
4341	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 5, 0)	14
4343	(4, 5, 1, 1, 5, 3, 3, 2, 1, 1, 3, 2, 3, 1, 1, 0)	16
4345	(4, 5, 1, 1, 5, 3, 5, 1, 1, 1, 3, 1, 2, 1, 2, 0)	16
4347	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 3, 1, 1, 1, 1, 1, 3, 1, 3, 3, 1, 1, 2, 2, 1, 1, 2, 4, 2, 2, 1, 1, 1, 1, 1, 2, 2, 1, 4, 1, 1, 1, 1, 1, 1, 2, 1, 2, 1, 0)	67
4349	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 4, 3, 4, 1, 1, 1, 1, 3, 0)	50

4351	(4, 3, 2, 1, 1, 4, 4, 1, 5, 3, 1, 1, 1, 5, 1, 2, 1, 5, 1, 1, 1, 1, 1, 1, 1, 0)	26
4353	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 4, 2, 3, 2, 2, 2, 0)	50
4355	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 4, 1, 0)	50
4357	(4, 3, 2, 1, 1, 4, 2, 2, 3, 1, 4, 2, 4, 0)	14
4359	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 4, 1, 1, 1, 4, 2, 2, 1, 1, 3, 2, 1, 1, 0)	62
4361	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 5, 3, 2, 3, 2, 2, 1, 1, 2, 0)	50
4363	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 1, 4, 2, 3, 2, 1, 0)	50
4365	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 4, 3, 0)	14
4367	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 3, 1, 6, 1, 1, 1, 0)	50
4369	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 3, 3, 2, 0)	14
4371	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 1, 1, 1, 1, 4, 2, 1, 1, 1, 3, 1, 1, 1, 2, 1, 3, 1, 0)	38
4373	(4, 3, 2, 1, 3, 3, 3, 6, 0)	9
4375	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 1, 2, 5, 1, 1, 1, 2, 1, 5, 1, 1, 0)	26
4377	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 1, 2, 5, 1, 1, 3, 1, 1, 3, 1, 2, 0)	26
4379	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 2, 2, 1, 1, 1, 1, 1, 2, 4, 1, 2, 2, 1, 3, 2, 3, 1, 1, 1, 1, 1, 2, 1, 0)	79
4381	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 1, 3, 1, 2, 2, 1, 2, 2, 1, 3, 0)	26
4383	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 1, 1, 4, 2, 4, 2, 1, 1, 1, 1, 0)	26
4385	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 1, 2, 1, 5, 1, 2, 2, 0)	50
4387	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 1, 2, 5, 1, 0)	50
4389	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 4, 0)	50
4391	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 4, 3, 3, 1, 1, 1, 3, 1, 1, 2, 3, 1, 2, 1, 1, 0)	62

4393	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 8, 2, 3, 1, 1, 1, 1, 2, 0)	50
4395	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 1, 3, 1, 1, 1, 1, 4, 1, 2, 1, 1, 1, 3, 2, 2, 1, 0)	45
4397	(4, 3, 2, 1, 3, 7, 2, 3, 0)	9
4399	(10, 1, 3, 3, 1, 2, 1, 4, 1, 1, 2, 1, 2, 1, 5, 1, 1, 3, 1, 1, 2, 1, 2, 1, 1, 2, 1, 2, 2, 2, 2, 1, 1, 1, 0)	35
4401	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 3, 3, 2, 1, 2, 2, 1, 4, 2, 0)	50
4403	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 3, 3, 2, 1, 2, 2, 3, 3, 1, 0)	50
4405	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 3, 5, 0)	33
4407	(4, 5, 1, 5, 2, 3, 1, 2, 4, 2, 1, 1, 3, 1, 1, 0)	16
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4419	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 3, 1, 1, 2, 1, 4, 1, 0)	26
4421	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 3, 1, 1, 3, 4, 0)	33
4423	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 1, 2, 6, 2, 1, 1, 3, 1, 1, 1, 1, 2, 2, 1, 1, 0)	26
4425	(4, 3, 2, 1, 1, 4, 4, 5, 2, 3, 1, 1, 2, 0)	14
4427	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 3, 1, 5, 2, 1, 0)	33
4429	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 3, 3, 0)	50
4431	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 3, 2, 2, 6, 1, 3, 2, 1, 2, 3, 1, 1, 1, 1, 1, 3, 1, 1, 1, 2, 1, 2, 1, 1, 1, 2, 3, 1, 1, 1, 0)	43
4433	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 3, 1, 1, 1, 1, 3, 2, 0)	50
4435	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 1, 1, 1, 3, 1, 0)	26
4437	(4, 3, 10, 0)	4
4439	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 5, 1, 1, 1, 3, 2, 4, 1, 1, 0)	33

4441	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 2, 2, 1, 1, 1, 1, 1, 2, 4, 1, 2, 0)	67
4443	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 5, 1, 1, 5, 2, 1, 1, 2, 1, 0)	33
4445	(4, 3, 2, 1, 7, 4, 1, 3, 0)	9
4447	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 4, 1, 1, 1, 1, 1, 5, 1, 1, 1, 1, 0)	67
4449	(10, 1, 1, 4, 2, 3, 1, 1, 1, 2, 2, 3, 1, 1, 2, 2, 2, 2, 1, 1, 2, 2, 0)	23
4451	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 2, 6, 1, 0)	50
4453	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 4, 1, 4, 0)	50
4455	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 5, 2, 5, 1, 1, 1, 1, 2, 1, 1, 0)	33
4457	(4, 3, 2, 1, 1, 6, 3, 2, 6, 1, 1, 1, 2, 0)	14
4459	(4, 3, 2, 1, 1, 6, 3, 4, 3, 1, 2, 2, 1, 0)	14
4461	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 1, 1, 2, 3, 0)	33
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4465	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 0)	14
4467	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 4, 1, 3, 2, 3, 1, 0)	50
4469	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 1, 5, 0)	14
4471	(4, 3, 2, 1, 1, 10, 2, 1, 1, 3, 3, 1, 1, 0)	14
4473	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 6, 2, 2, 2, 2, 2, 1, 1, 1, 1, 1, 2, 1, 2, 0)	33
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4477	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 4, 1, 1, 1, 3, 0)	31
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4481	(4, 3, 2, 1, 3, 1, 2, 4, 6, 1, 2, 2, 2, 0)	14
4483	(4, 3, 2, 1, 3, 1, 2, 6, 1, 2, 3, 4, 1, 0)	14
4485	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 1, 2, 4, 0)	14
4487	(4, 3, 2, 1, 3, 1, 2, 6, 1, 6, 2, 1, 1, 0)	14

4489	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 3, 1, 3, 2, 1, 1, 1, 3, 3, 1, 2, 1, 1, 2, 0)	31
4491	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 2, 2, 1, 4, 5, 1, 1, 2, 2, 1, 1, 1, 1, 1, 1, 2, 1, 1, 3, 2, 1, 0)	67
4493	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 1, 6, 3, 0)	14
4495	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 4, 1, 1, 1, 0)	26
4497	(4, 3, 2, 1, 3, 1, 4, 1, 2, 5, 2, 3, 2, 0)	14
4499	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 3, 1, 0)	14
4501	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 6, 0)	14
4503	(8, 2, 5, 1, 1, 2, 1, 6, 1, 1, 0)	11
4505	(8, 2, 5, 1, 1, 2, 3, 3, 1, 2, 0)	11
4507	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 3, 5, 1, 3, 1, 1, 1, 1, 2, 1, 3, 1, 3, 1, 1, 1, 2, 1, 0)	31
4509	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 1, 2, 1, 3, 0)	50
4511	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 0)	55
4513	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 2, 2, 1, 1, 2, 1, 2, 3, 1, 4, 1, 1, 1, 1, 2, 2, 1, 2, 2, 0)	67
4515	(10, 1, 1, 4, 2, 1, 2, 1, 5, 1, 0)	11
4517	(10, 1, 1, 4, 2, 3, 1, 1, 1, 4, 0)	11
4519	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 1, 2, 1, 3, 1, 1, 2, 4, 2, 1, 2, 1, 1, 0)	31
4521	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 4, 2, 3, 2, 4, 1, 2, 1, 1, 1, 2, 2, 3, 1, 2, 1, 3, 1, 1, 1, 1, 1, 2, 0)	67
4523	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 3, 1, 1, 3, 2, 2, 1, 1, 1, 2, 2, 2, 1, 0)	31
4525	(10, 1, 3, 3, 1, 2, 1, 2, 2, 3, 0)	11
4527	(10, 1, 3, 1, 4, 4, 2, 1, 1, 1, 0)	11
4529	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 0)	21
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4533	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 1, 2, 5, 0)	21
4535	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 3, 1, 1, 0)	31
4537	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 5, 2, 1, 2, 0)	21

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4541	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 1, 5, 1, 2, 1, 2, 1, 1, 3, 0)	21
4543	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 2, 2, 1, 5, 1, 2, 1, 2, 3, 2, 1, 2, 2, 2, 3, 1, 1, 2, 1, 1, 1, 1, 1, 3, 2, 1, 1, 1, 1, 1, 1, 1, 1, 3, 1, 5, 1, 1, 2, 1, 1, 1, 1, 1, 0)	67
4545	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 5, 3, 2, 1, 1, 2, 1, 2, 1, 1, 1, 1, 1, 3, 2, 2, 0)	50
4547	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 5, 3, 2, 1, 1, 2, 3, 1, 1, 1, 1, 1, 1, 1, 4, 1, 0)	50
4549	(4, 9, 4, 0)	4
4551	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 1, 4, 5, 1, 1, 1, 1, 1, 1, 2, 2, 2, 2, 2, 1, 1, 0)	67
4553	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 2, 2, 1, 2, 2, 4, 1, 1, 2, 0)	55
4555	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 3, 2, 2, 4, 2, 1, 0)	19
4557	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 3, 3, 0)	19
4559	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 4, 1, 3, 2, 1, 3, 1, 1, 1, 0)	55
4561	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 4, 1, 3, 2, 0)	19
4563	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 4, 1, 2, 3, 2, 1, 1, 3, 1, 0)	55
4565	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 7, 0)	38
4567	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 5, 2, 1, 1, 4, 1, 1, 0)	19
4569	(4, 3, 2, 5, 2, 6, 1, 2, 0)	9
4571	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 3, 5, 1, 1, 2, 1, 0)	19
4573	(4, 3, 2, 5, 4, 3, 1, 3, 0)	9
4575	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 3, 1, 1, 1, 1, 0)	43
4577	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 4, 3, 2, 2, 1, 1, 1, 5, 1, 1, 1, 2, 2, 0)	55
4579	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 7, 1, 0)	38
4581	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 2, 2, 1, 1, 2, 1, 4, 0)	55

4583	(4, 3, 2, 1, 1, 4, 4, 1, 5, 3, 1, 1, 1, 5, 1, 2, 1, 5, 1, 1, 1, 1, 1, 1, 3, 1, 1, 2, 1, 1, 0)	31
4585	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 4, 2, 3, 2, 4, 1, 2, 1, 1, 1, 2, 0)	55
4587	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 3, 1, 1, 2, 1, 2, 2, 2, 1, 4, 1, 2, 1, 1, 2, 3, 2, 1, 1, 1, 1, 2, 2, 1, 0)	43
4589	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 3, 0)	19
4591	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 1, 5, 1, 2, 1, 2, 1, 1, 3, 3, 2, 1, 1, 3, 1, 1, 6, 3, 1, 2, 1, 2, 4, 2, 1, 1, 1, 1, 2, 1, 2, 1, 1, 1, 2, 1, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 2, 1, 1, 1, 0)	62
4593	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 5, 2, 0)	38
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4597	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 5, 0)	14
4599	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 3, 1, 6, 1, 1, 1, 1, 2, 3, 1, 1, 0)	55
4601	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 3, 3, 2, 2, 1, 2, 1, 2, 0)	19
4603	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 1, 1, 1, 1, 4, 2, 1, 1, 1, 3, 1, 1, 1, 2, 1, 1, 4, 1, 2, 1, 2, 1, 0)	43
4605	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 3, 0)	19
4607	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 2, 2, 1, 5, 1, 2, 1, 2, 3, 2, 1, 2, 2, 2, 3, 1, 1, 2, 1, 1, 1, 1, 1, 3, 2, 1, 1, 1, 1, 1, 1, 1, 1, 0)	55
4609	(4, 3, 2, 1, 3, 3, 5, 3, 1, 2, 2, 2, 2, 0)	14
4611	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 3, 2, 4, 1, 0)	38
4613	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 1, 2, 2, 4, 0)	55
4615	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 1, 3, 1, 2, 2, 1, 4, 1, 1, 1, 2, 3, 2, 1, 1, 0)	31
4617	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 7, 2, 1, 1, 2, 0)	38
4619	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 3, 3, 2, 1, 0)	55
4621	(4, 5, 1, 1, 3, 4, 4, 3, 0)	9
4623	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 3, 1, 1, 5, 1, 1, 1, 0)	55
4625	(4, 5, 1, 1, 3, 6, 3, 2, 0)	9
4627	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 6, 2, 2, 1, 3, 1, 0)	38
4629	(4, 5, 1, 1, 5, 1, 2, 6, 0)	9

4631	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 3, 1, 3, 2, 5, 1, 1, 0)	38
4633	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 3, 1, 5, 1, 3, 1, 2, 0)	38
4635	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 2, 2, 1, 1, 1, 1, 2, 4, 1, 1, 4, 1, 1, 1, 1, 2, 1, 0)	31
4637	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 1, 4, 2, 1, 3, 0)	19
4639	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 1, 3, 2, 2, 3, 2, 2, 2, 1, 1, 2, 1, 3, 2, 2, 1, 1, 1, 1, 0)	31
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4647	(4, 3, 2, 1, 1, 4, 4, 1, 5, 3, 1, 1, 1, 5, 1, 2, 1, 1, 0)	19
4649	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 4, 1, 1, 1, 3, 2, 1, 2, 2, 1, 1, 3, 3, 1, 2, 1, 2, 1, 1, 1, 1, 2, 0)	48
4651	(4, 5, 1, 1, 9, 2, 2, 1, 0)	9
4653	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 2, 2, 1, 3, 2, 3, 0)	55
4655	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 1, 2, 3, 4, 2, 1, 1, 2, 2, 1, 1, 1, 0)	31
4657	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 4, 1, 1, 1, 4, 2, 0)	55
4659	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 4, 1, 1, 3, 3, 1, 0)	55
4661	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 5, 5, 0)	43
4663	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 3, 1, 7, 1, 1, 1, 1, 3, 1, 1, 0)	38
4665	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 3, 2, 2, 6, 1, 3, 2, 1, 2, 3, 1, 1, 1, 1, 1, 3, 1, 1, 1, 2, 1, 2, 1, 1, 1, 2, 1, 2, 1, 1, 2, 2, 2, 1, 2, 0)	48
4667	(4, 3, 6, 4, 4, 1, 2, 1, 0)	9
4669	(4, 3, 8, 1, 4, 1, 1, 3, 0)	9
4671	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 1, 1, 1, 1, 6, 1, 1, 1, 1, 1, 0)	31
4673	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 2, 3, 4, 2, 2, 0)	19
4675	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 2, 5, 1, 4, 1, 0)	19
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4679	(4, 3, 2, 1, 7, 2, 2, 5, 1, 2, 2, 1, 1, 0)	14

4681	(4, 3, 2, 1, 7, 4, 1, 3, 1, 3, 1, 1, 2, 0)	14
4683	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 1, 6, 2, 1, 0)	19
4685	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 1, 3, 3, 0)	19
4687	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 2, 4, 2, 3, 3, 1, 1, 1, 0)	55
4689	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 4, 3, 1, 2, 1, 1, 3, 2, 0)	55
4691	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 4, 3, 3, 1, 1, 1, 3, 1, 0)	55
4693	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 8, 0)	43
4695	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 1, 1, 2, 1, 1, 3, 4, 1, 1, 0)	38
4697	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 1, 3, 1, 1, 1, 1, 4, 1, 2, 0)	38
4699	(10, 1, 3, 3, 1, 2, 1, 4, 1, 1, 2, 1, 2, 1, 5, 1, 1, 3, 1, 1, 2, 1, 2, 1, 1, 2, 1, 0)	28
4701	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 8, 1, 3, 0)	43
4703	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 0)	19
4705	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 1, 3, 4, 1, 1, 2, 2, 0)	19
4707	(4, 5, 1, 5, 2, 1, 6, 1, 0)	9
4709	(4, 5, 1, 5, 2, 3, 1, 4, 0)	9
4711	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 7, 1, 1, 1, 2, 1, 1, 0)	19
4713	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 5, 2, 2, 2, 3, 1, 2, 2, 2, 1, 2, 1, 3, 1, 1, 1, 2, 0)	55
4715	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 4, 1, 1, 1, 3, 2, 1, 2, 2, 1, 0)	36
4717	(4, 3, 2, 1, 3, 1, 2, 4, 6, 1, 2, 2, 2, 1, 1, 1, 2, 3, 0)	19
4719	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 2, 6, 1, 2, 1, 1, 2, 2, 2, 2, 1, 2, 1, 1, 1, 0)	36
4721	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 7, 2, 0)	43
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4727	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 1, 6, 3, 1, 1, 0)	19
4729	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 1, 4, 6, 1, 1, 2, 1, 2, 0)	19
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4733	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 4, 1, 1, 1, 2, 1, 1, 1, 3, 0)	31

4735	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 5, 3, 2, 2, 2, 3, 3, 2, 1, 2, 1, 1, 1, 1, 1, 1, 0)	55
4737	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 3, 1, 1, 1, 2, 2, 2, 0)	19
4739	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 4, 1, 0)	43
4741	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 1, 2, 1, 1, 1, 2, 1, 2, 4, 0)	55
4743	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 3, 1, 3, 4, 2, 1, 1, 0)	19
4745	(8, 2, 5, 1, 1, 2, 3, 3, 3, 1, 1, 2, 1, 1, 2, 0)	16
4747	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 1, 2, 1, 1, 3, 1, 3, 2, 1, 0)	55
4749	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 5, 3, 0)	26
4751	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 4, 1, 1, 1, 0)	60
4753	(10, 1, 1, 4, 2, 3, 1, 1, 1, 2, 2, 1, 2, 3, 2, 0)	16
4755	(10, 1, 1, 4, 2, 3, 1, 1, 1, 2, 2, 3, 1, 3, 1, 0)	16
4757	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 1, 6, 0)	26
4759	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 7, 1, 1, 0)	26
4761	(4, 5, 7, 1, 2, 3, 1, 2, 0)	9
4763	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 4, 2, 3, 2, 4, 1, 2, 1, 1, 1, 2, 2, 1, 6, 3, 1, 1, 1, 1, 1, 1, 1, 2, 1, 1, 1, 2, 1, 0)	72
4765	(10, 1, 3, 3, 1, 2, 1, 4, 1, 1, 2, 1, 2, 1, 3, 0)	16
4767	(4, 3, 2, 1, 1, 4, 2, 2, 3, 1, 4, 2, 4, 4, 1, 1, 2, 1, 1, 1, 1, 4, 1, 2, 2, 2, 1, 3, 1, 1, 2, 1, 1, 1, 1, 0)	36
4769	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 0)	26
4771	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 1, 2, 1, 1, 1, 1, 5, 1, 0)	36
4773	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 3, 1, 1, 1, 1, 1, 1, 4, 0)	36
4775	(4, 3, 2, 1, 3, 1, 4, 3, 7, 1, 2, 2, 1, 2, 1, 2, 1, 1, 0)	19
4777	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 1, 2, 1, 5, 3, 3, 1, 1, 1, 1, 1, 1, 1, 1, 2, 0)	36
4779	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 3, 1, 3, 2, 2, 2, 2, 1, 0)	26
4781	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 5, 2, 2, 2, 3, 0)	43
4783	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 1, 5, 1, 2, 1, 2, 1, 1, 3, 3, 2, 1, 1, 1, 0)	26
4785	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 2, 4, 2, 0)	24

4787	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 3, 1, 0)	24
4789	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 5, 0)	43
4791	(4, 9, 4, 2, 1, 3, 1, 1, 0)	9
4793	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 3, 3, 2, 1, 2, 0)	24
4795	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 2, 2, 1, 2, 2, 4, 1, 1, 2, 1, 3, 1, 2, 1, 0)	60
4797	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 3, 1, 3, 2, 1, 1, 3, 0)	24
4799	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 2, 2, 1, 4, 5, 1, 1, 2, 2, 1, 1, 1, 1, 1, 0)	60
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4803	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 4, 1, 2, 3, 2, 1, 1, 1, 2, 2, 1, 1, 4, 1, 0)	60
4805	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 4, 0)	19
4807	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 5, 4, 2, 2, 1, 1, 0)	43
4809	(4, 3, 2, 5, 4, 1, 2, 1, 2, 5, 1, 1, 2, 0)	14
4811	(4, 3, 2, 5, 4, 1, 2, 3, 1, 1, 4, 2, 1, 0)	14
4813	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 4, 3, 3, 0)	19
4815	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 3, 5, 1, 3, 1, 1, 1, 3, 1, 1, 1, 0)	24
4817	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 5, 2, 1, 3, 2, 0)	43
4819	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 0)	43
4821	(8, 2, 7, 0)	4
4823	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 2, 2, 1, 1, 2, 1, 2, 3, 1, 4, 1, 1, 0)	60
4825	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 3, 5, 1, 2, 0)	19
4827	(4, 3, 2, 1, 1, 4, 4, 1, 5, 3, 1, 1, 1, 5, 1, 2, 1, 5, 1, 1, 1, 1, 1, 1, 3, 1, 1, 2, 1, 1, 3, 1, 1, 2, 1, 0)	36
4829	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 1, 2, 1, 3, 1, 3, 0)	24
4831	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 7, 3, 1, 1, 1, 1, 0)	43
4833	(4, 3, 2, 1, 1, 4, 2, 2, 3, 1, 4, 2, 4, 4, 1, 1, 2, 1, 1, 1, 1, 2, 2, 0)	24
4835	(8, 8, 1, 0)	4
4837	(4, 3, 2, 1, 3, 3, 3, 6, 1, 1, 1, 1, 1, 1, 3, 2, 1, 4, 0)	19

4839	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 5, 3, 2, 3, 2, 2, 1, 3, 1, 1, 4, 1, 1, 2, 1, 1, 2, 1, 1, 0)	60
4841	(4, 3, 2, 1, 1, 4, 4, 5, 2, 1, 2, 3, 2, 1, 2, 1, 3, 2, 3, 1, 2, 2, 1, 1, 1, 2, 1, 1, 1, 2, 2, 1, 1, 1, 2, 0)	36
4843	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 3, 1, 6, 1, 1, 1, 1, 2, 1, 2, 3, 1, 1, 2, 2, 1, 0)	60
4845	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 1, 2, 3, 0)	24
4847	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 3, 3, 1, 4, 2, 4, 1, 1, 2, 1, 1, 1, 2, 1, 1, 1, 0)	60
4849	(10, 5, 2, 0)	4
4851	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 2, 2, 1, 5, 1, 2, 1, 2, 3, 2, 1, 2, 2, 2, 3, 1, 1, 2, 1, 1, 1, 1, 1, 3, 2, 1, 1, 1, 1, 1, 1, 1, 1, 1, 2, 3, 1, 0)	60
4853	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 1, 5, 0)	14
4855	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 3, 2, 2, 2, 2, 2, 3, 1, 1, 0)	43
4857	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 1, 2, 2, 2, 4, 1, 2, 1, 2, 0)	60
4859	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 5, 3, 2, 1, 1, 2, 1, 2, 1, 0)	43
4861	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 1, 4, 3, 2, 1, 1, 1, 1, 3, 0)	60
4863	(4, 3, 2, 1, 7, 4, 1, 1, 2, 3, 4, 2, 2, 4, 1, 2, 1, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 1, 1, 1, 0)	31
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4871	(4, 5, 1, 1, 3, 6, 3, 2, 1, 3, 2, 1, 1, 0)	14
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4875	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 3, 1, 3, 2, 3, 2, 1, 1, 2, 3, 2, 1, 0)	43
4877	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 4, 3, 0)	48
4879	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 8, 1, 1, 1, 0)	48
4881	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 3, 3, 2, 0)	48

4883	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 1, 4, 2, 1, 3, 1, 2, 1, 3, 1, 0)	24
4885	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 6, 0)	12
4887	(4, 5, 1, 1, 5, 3, 3, 2, 1, 1, 5, 1, 1, 0)	14
4889	(4, 5, 1, 1, 5, 3, 5, 1, 1, 1, 3, 1, 2, 0)	14
4891	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 3, 1, 1, 1, 1, 1, 3, 1, 3, 3, 1, 1, 2, 2, 1, 1, 2, 4, 2, 2, 1, 1, 1, 1, 1, 2, 2, 1, 4, 1, 1, 1, 1, 1, 1, 2, 1, 0)	65
4893	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 4, 3, 2, 2, 1, 3, 0)	48
4895	(4, 3, 2, 1, 1, 4, 4, 1, 5, 3, 1, 1, 1, 5, 1, 2, 1, 3, 2, 1, 1, 1, 1, 0)	24
4897	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 2, 2, 1, 3, 2, 1, 1, 4, 1, 2, 2, 0)	60
4899	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 4, 2, 5, 1, 0)	48
4901	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 4, 0)	48
4903	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 1, 2, 3, 4, 2, 1, 1, 2, 2, 1, 1, 1, 3, 1, 2, 1, 1, 0)	36
4905	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 4, 1, 1, 1, 4, 4, 1, 1, 1, 1, 2, 0)	60
4907	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 5, 3, 2, 3, 2, 2, 1, 0)	48
4909	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 1, 4, 2, 3, 0)	48
4911	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 3, 1, 7, 1, 1, 1, 1, 1, 2, 3, 2, 2, 1, 1, 1, 0)	43
4913	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 3, 1, 4, 2, 0)	48
4915	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 3, 3, 3, 1, 0)	48
4917	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 5, 0)	12
4919	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 1, 1, 1, 1, 4, 2, 1, 1, 1, 3, 1, 1, 3, 1, 1, 0)	36
4921	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 2, 3, 4, 2, 2, 1, 2, 2, 1, 2, 0)	24
4923	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 1, 2, 3, 2, 1, 5, 1, 2, 1, 0)	24
4925	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 1, 2, 5, 1, 1, 3, 1, 1, 3, 0)	24

4927	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 2, 2, 1, 1, 1, 1, 1, 2, 4, 1, 2, 2, 1, 3, 2, 3, 1, 1, 1, 1, 1, 0)	77
4929	(4, 3, 2, 1, 1, 4, 2, 2, 7, 2, 2, 0)	12
4931	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 1, 3, 1, 2, 2, 1, 4, 1, 0)	24
4933	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 1, 2, 1, 3, 4, 0)	48
4935	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 3, 1, 1, 5, 2, 1, 1, 1, 1, 1, 1, 1, 4, 2, 2, 2, 1, 1, 1, 2, 1, 1, 2, 2, 1, 1, 0)	72
4937	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 4, 5, 3, 1, 1, 2, 0)	48
4939	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 1, 2, 5, 2, 1, 0)	48
4941	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 3, 0)	48
4943	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 8, 2, 3, 1, 1, 1, 0)	48
4945	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 1, 3, 1, 1, 1, 1, 4, 1, 2, 1, 1, 1, 3, 2, 0)	43
4947	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 1, 3, 1, 1, 1, 1, 4, 3, 1, 1, 1, 1, 3, 1, 0)	43
4949	(4, 3, 2, 1, 3, 9, 0)	7
4951	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 2, 2, 1, 1, 1, 1, 2, 4, 1, 1, 0)	24
4953	(4, 3, 2, 1, 1, 4, 2, 6, 4, 1, 2, 0)	12
4955	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 1, 3, 2, 2, 3, 2, 2, 2, 1, 1, 2, 1, 0)	24
4957	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 3, 3, 2, 1, 4, 1, 3, 0)	48
4959	(4, 5, 1, 5, 2, 3, 1, 2, 6, 1, 1, 1, 1, 0)	14
4961	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 7, 1, 1, 1, 2, 1, 1, 2, 1, 1, 2, 2, 0)	24
4963	(4, 3, 2, 1, 1, 4, 4, 1, 3, 6, 1, 0)	12
4965	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 4, 0)	12
4967	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 3, 3, 4, 1, 2, 1, 2, 4, 2, 1, 1, 1, 1, 1, 2, 1, 1, 0)	60
4969	(4, 3, 2, 1, 3, 1, 2, 4, 6, 1, 2, 2, 2, 1, 1, 3, 1, 1, 4, 1, 1, 1, 2, 0)	24

4971	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 1, 6, 1, 2, 2, 1, 0)	24
4973	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 3, 1, 1, 2, 3, 0)	24
4975	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 1, 4, 1, 1, 2, 2, 3, 3, 1, 2, 1, 1, 1, 0)	24
4977	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 6, 2, 0)	31
4979	(4, 3, 2, 1, 1, 4, 4, 5, 2, 3, 1, 0)	12
4981	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 3, 1, 5, 0)	31
4983	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 4, 1, 1, 1, 2, 1, 1, 1, 1, 2, 3, 3, 1, 1, 0)	36
4985	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 3, 2, 2, 6, 1, 3, 2, 1, 2, 3, 1, 1, 1, 1, 1, 3, 1, 1, 1, 2, 1, 2, 1, 1, 1, 2, 1, 2, 0)	41
4987	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 5, 3, 2, 2, 2, 3, 3, 2, 1, 2, 1, 1, 1, 1, 1, 1, 2, 2, 1, 2, 1, 0)	60
4989	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 3, 1, 1, 1, 3, 0)	48
4991	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 3, 1, 1, 1, 1, 1, 1, 0)	24
4993	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 1, 2, 1, 1, 1, 2, 1, 4, 1, 2, 1, 2, 2, 2, 0)	60
4995	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 5, 1, 1, 1, 3, 4, 1, 0)	31
4997	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 2, 2, 1, 1, 1, 1, 2, 4, 0)	65
4999	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 5, 1, 1, 5, 2, 1, 1, 0)	31
5001	(8, 2, 3, 6, 2, 1, 2, 2, 1, 2, 1, 1, 3, 1, 2, 1, 2, 1, 1, 2, 0)	21
5003	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 4, 1, 1, 1, 1, 1, 3, 2, 1, 0)	65
5005	(4, 3, 2, 1, 9, 3, 0)	7
5007	(10, 1, 1, 4, 2, 3, 1, 1, 1, 2, 2, 3, 1, 1, 2, 2, 4, 1, 1, 1, 0)	21
5009	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 3, 1, 2, 2, 2, 3, 2, 0)	31
5011	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 3, 1, 2, 4, 1, 3, 1, 0)	31
5013	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 6, 0)	48
5015	(4, 3, 2, 1, 1, 6, 3, 2, 6, 1, 1, 0)	12
5017	(4, 3, 2, 1, 1, 6, 3, 4, 3, 1, 2, 0)	12
5019	(10, 1, 3, 3, 1, 2, 1, 4, 1, 1, 2, 1, 2, 1, 5, 1, 1, 1, 2, 1, 0)	21

5021	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 1, 3, 0)	31
5023	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 5, 4, 1, 2, 1, 1, 1, 1, 0)	31
5025	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 3, 1, 1, 1, 1, 1, 1, 2, 3, 2, 1, 2, 2, 0)	41
5027	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 4, 1, 5, 1, 0)	48
5029	(4, 3, 2, 1, 1, 10, 2, 1, 1, 1, 4, 0)	12
5031	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 1, 2, 1, 5, 3, 1, 2, 1, 1, 1, 1, 1, 1, 3, 2, 2, 1, 2, 1, 1, 0)	41
5033	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 6, 2, 2, 2, 2, 2, 1, 1, 1, 1, 1, 2, 0)	31
5035	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 5, 2, 2, 2, 3, 1, 2, 2, 2, 1, 0)	48
5037	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 2, 2, 3, 0)	29
5039	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 7, 2, 1, 1, 1, 0)	48
5041	(4, 3, 2, 1, 3, 1, 2, 4, 4, 4, 2, 0)	12
5043	(4, 3, 2, 1, 3, 1, 2, 4, 6, 3, 1, 0)	12
5045	(4, 3, 2, 1, 3, 1, 2, 6, 1, 2, 5, 0)	12
5047	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 4, 1, 1, 5, 1, 3, 1, 1, 0)	48
5049	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 3, 1, 3, 2, 1, 1, 1, 1, 4, 2, 1, 2, 0)	29
5051	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 3, 1, 3, 2, 1, 1, 1, 3, 3, 1, 2, 1, 0)	29
5053	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 2, 2, 1, 4, 5, 1, 1, 2, 2, 1, 1, 1, 1, 1, 1, 2, 1, 1, 3, 0)	65
5055	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 3, 2, 2, 6, 1, 3, 2, 1, 2, 1, 2, 1, 1, 1, 1, 1, 0)	29
5057	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 2, 2, 0)	24
5059	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 4, 1, 1, 1, 4, 1, 0)	24
5061	(4, 3, 2, 1, 3, 1, 4, 1, 2, 5, 4, 0)	12
5063	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 5, 4, 2, 2, 1, 1, 2, 2, 2, 1, 1, 0)	48
5065	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 4, 1, 4, 1, 4, 1, 1, 2, 0)	24
5067	(8, 2, 3, 2, 3, 4, 2, 1, 0)	9
5069	(8, 2, 5, 1, 1, 2, 3, 3, 0)	9

5071	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 3, 5, 1, 3, 1, 1, 1, 1, 2, 1, 3, 1, 3, 1, 1, 1, 0)	29
5073	(8, 2, 5, 1, 3, 1, 3, 2, 0)	9
5075	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 3, 1, 0)	48
5077	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 7, 0)	12
5079	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 2, 2, 1, 1, 2, 1, 2, 3, 1, 4, 1, 1, 1, 1, 4, 1, 1, 0)	65
5081	(4, 3, 2, 1, 3, 1, 4, 1, 8, 1, 2, 0)	12
5083	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 1, 2, 1, 1, 2, 3, 4, 1, 1, 2, 1, 0)	29
5085	(10, 1, 1, 4, 2, 3, 1, 3, 0)	9
5087	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 4, 2, 3, 2, 4, 1, 2, 1, 1, 1, 2, 2, 3, 1, 2, 1, 3, 1, 1, 1, 1, 0)	65
5089	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 3, 1, 1, 3, 2, 2, 1, 1, 1, 2, 2, 0)	29
5091	(4, 3, 2, 1, 3, 1, 4, 3, 1, 7, 1, 0)	12
5093	(10, 1, 3, 3, 1, 2, 1, 4, 0)	9
5095	(4, 3, 2, 1, 3, 3, 3, 6, 1, 1, 1, 1, 1, 1, 3, 2, 1, 6, 1, 1, 2, 1, 1, 0)	24
5097	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 5, 3, 2, 3, 2, 2, 1, 3, 1, 1, 4, 1, 1, 2, 1, 3, 1, 1, 1, 2, 1, 1, 1, 2, 0)	65
5099	(4, 3, 2, 1, 1, 4, 4, 5, 2, 1, 2, 3, 2, 1, 2, 1, 3, 2, 3, 1, 2, 2, 1, 1, 1, 2, 1, 1, 1, 2, 2, 1, 1, 3, 1, 1, 1, 2, 2, 1, 0)	41
5101	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 1, 2, 3, 0)	29
5103	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 1, 6, 3, 1, 1, 2, 1, 1, 1, 0)	29
5105	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 5, 2, 0)	19
5107	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 2, 2, 1, 5, 1, 2, 1, 2, 3, 2, 1, 2, 2, 2, 3, 1, 1, 2, 1, 1, 1, 1, 1, 3, 2, 1, 1, 1, 1, 1, 1, 1, 1, 1, 2, 1, 2, 2, 1, 2, 3, 1, 0)	65
5109	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 5, 0)	19
5111	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 1, 5, 1, 2, 3, 1, 1, 0)	19
5113	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 3, 2, 2, 2, 2, 2, 3, 1, 1, 2, 1, 2, 1, 2, 0)	48
5115	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 5, 2, 1, 2, 1, 2, 1, 0)	19
5117	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 5, 3, 2, 1, 1, 2, 3, 1, 1, 1, 1, 1, 1, 3, 0)	48

5119	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 2, 5, 3, 3, 6, 1, 1, 2, 1, 1, 2, 2, 1, 1, 1, 3, 1, 3, 1, 1, 1, 1, 1, 1, 1, 1, 1, 0)	41
5121	(4, 3, 2, 1, 3, 1, 8, 2, 2, 2, 2, 0)	12
5123	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 2, 2, 1, 2, 2, 4, 1, 0)	53
5125	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 3, 2, 2, 4, 0)	17
5127	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 2, 2, 3, 3, 2, 1, 1, 0)	53
5129	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 4, 1, 3, 2, 1, 1, 2, 0)	53
5131	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 5, 3, 2, 1, 0)	17
5133	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 4, 3, 0)	17
5135	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 4, 1, 2, 5, 1, 1, 1, 0)	53
5137	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 4, 3, 2, 0)	17
5139	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 5, 2, 1, 3, 1, 0)	17
5141	(4, 3, 2, 5, 2, 6, 0)	7
5143	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 3, 5, 1, 1, 0)	17
5145	(4, 5, 1, 1, 5, 3, 3, 2, 1, 1, 3, 2, 1, 2, 1, 3, 1, 2, 0)	19
5147	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 0)	41
5149	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 4, 3, 2, 2, 1, 1, 1, 3, 2, 1, 3, 0)	53
5151	(4, 5, 1, 5, 2, 1, 4, 4, 1, 3, 3, 1, 3, 1, 1, 1, 2, 1, 1, 2, 3, 1, 1, 1, 2, 2, 1, 1, 1, 1, 0)	31
5153	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 4, 3, 4, 1, 1, 1, 1, 3, 1, 2, 2, 0)	53
5155	(4, 3, 2, 7, 5, 1, 0)	7
5157	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 2, 2, 1, 1, 4, 0)	53
5159	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 4, 2, 3, 2, 4, 1, 2, 1, 1, 0)	53
5161	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 3, 1, 1, 2, 1, 2, 2, 2, 1, 4, 1, 2, 1, 1, 2, 3, 2, 1, 1, 1, 1, 2, 0)	41
5163	(4, 3, 2, 1, 1, 4, 2, 2, 3, 1, 4, 2, 4, 2, 2, 1, 0)	17

5165	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 3, 0)	17
5167	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 4, 1, 1, 1, 4, 4, 1, 1, 1, 3, 1, 2, 2, 1, 1, 1, 0)	65
5169	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 4, 1, 1, 4, 2, 0)	17
5171	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 4, 1, 3, 3, 1, 0)	17
5173	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 5, 0)	36
5175	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 3, 1, 6, 1, 1, 1, 3, 1, 1, 0)	53
5177	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 3, 3, 2, 2, 1, 2, 0)	17
5179	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 1, 1, 1, 1, 4, 2, 1, 1, 1, 3, 1, 1, 1, 2, 1, 1, 4, 1, 2, 1, 0)	41
5181	(4, 3, 2, 1, 3, 3, 3, 6, 1, 1, 3, 0)	12
5183	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 4, 1, 1, 1, 1, 1, 0)	17
5185	(4, 3, 2, 1, 3, 3, 5, 1, 4, 2, 2, 0)	12
5187	(4, 3, 2, 1, 3, 3, 5, 3, 1, 4, 1, 0)	12
5189	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 3, 4, 0)	36
5191	(4, 3, 2, 1, 7, 2, 2, 5, 1, 4, 1, 1, 1, 1, 1, 2, 2, 2, 1, 2, 2, 1, 1, 0)	24
5193	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 1, 3, 1, 2, 2, 1, 4, 1, 1, 3, 1, 1, 2, 0)	29
5195	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 7, 2, 1, 0)	36
5197	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 3, 3, 0)	53
5199	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 1, 2, 5, 3, 1, 1, 1, 0)	53
5201	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 3, 1, 1, 3, 2, 0)	53
5203	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 4, 3, 3, 1, 1, 1, 3, 1, 1, 2, 3, 1, 2, 1, 1, 1, 3, 1, 0)	65
5205	(4, 5, 1, 1, 3, 8, 0)	7
5207	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 6, 4, 1, 1, 0)	36
5209	(4, 3, 2, 1, 3, 7, 2, 1, 4, 1, 2, 0)	12
5211	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 1, 3, 1, 1, 1, 1, 2, 6, 1, 2, 1, 2, 1, 1, 2, 1, 1, 2, 1, 0)	48

5213	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 3, 1, 5, 1, 3, 0)	36
5215	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 2, 2, 1, 1, 1, 1, 2, 4, 1, 1, 4, 1, 1, 1, 1, 0)	29
5217	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 3, 3, 2, 1, 2, 2, 3, 3, 1, 1, 2, 2, 0)	53
5219	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 1, 6, 1, 0)	17
5221	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 3, 1, 4, 0)	17
5223	(4, 5, 1, 5, 2, 1, 6, 3, 2, 2, 1, 2, 1, 1, 1, 2, 1, 1, 0)	19
5225	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 7, 1, 1, 1, 2, 1, 1, 2, 1, 1, 2, 2, 3, 1, 1, 1, 2, 0)	29
5227	(4, 3, 2, 1, 1, 4, 4, 1, 3, 6, 1, 2, 1, 2, 2, 1, 0)	17
5229	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 3, 3, 4, 1, 2, 1, 2, 4, 2, 1, 1, 1, 1, 1, 2, 1, 1, 1, 1, 1, 2, 3, 0)	65
5231	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 4, 1, 1, 1, 3, 2, 1, 2, 2, 1, 1, 3, 3, 1, 2, 1, 2, 1, 1, 1, 0)	46
5233	(4, 5, 1, 1, 9, 2, 0)	7
5235	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 3, 1, 1, 2, 1, 2, 2, 2, 3, 1, 0)	29
5237	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 2, 2, 1, 5, 0)	53
5239	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 3, 1, 1, 3, 4, 3, 1, 1, 0)	36
5241	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 1, 2, 6, 2, 1, 1, 3, 1, 1, 1, 1, 2, 2, 1, 1, 2, 1, 2, 0)	29
5243	(4, 3, 2, 1, 1, 4, 4, 5, 2, 1, 2, 3, 2, 1, 2, 1, 0)	17
5245	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 3, 1, 5, 2, 1, 1, 1, 3, 0)	36
5247	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 5, 4, 1, 2, 2, 2, 1, 1, 1, 1, 1, 1, 0)	29
5249	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 3, 2, 2, 6, 1, 3, 2, 1, 2, 3, 1, 1, 1, 1, 1, 3, 1, 1, 1, 2, 1, 2, 1, 1, 1, 2, 1, 2, 1, 1, 2, 2, 2, 0)	46
5251	(4, 3, 6, 4, 4, 1, 0)	7
5253	(4, 3, 8, 1, 2, 4, 0)	7
5255	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 1, 1, 1, 1, 4, 2, 1, 1, 0)	29
5257	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 9, 2, 1, 1, 2, 3, 1, 4, 1, 1, 1, 4, 1, 2, 1, 1, 1, 1, 1, 1, 1, 1, 2, 1, 1, 2, 0)	65
5259	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 5, 1, 1, 1, 3, 2, 2, 2, 1, 3, 2, 1, 0)	36
5261	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 2, 5, 3, 0)	17
5263	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 2, 2, 1, 1, 1, 1, 1, 2, 4, 1, 4, 1, 1, 1, 0)	70

5265	(4, 3, 2, 1, 7, 4, 1, 1, 2, 3, 2, 0)	12
5267	(4, 3, 2, 1, 7, 4, 1, 3, 1, 3, 1, 0)	12
5269	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 1, 6, 0)	17
5271	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 8, 1, 1, 0)	17
5273	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 2, 4, 2, 3, 1, 2, 0)	53
5275	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 1, 4, 2, 2, 4, 2, 2, 1, 1, 1, 2, 1, 0)	36
5277	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 4, 3, 1, 2, 1, 3, 0)	53
5279	(10, 1, 1, 4, 2, 3, 1, 1, 1, 4, 1, 3, 2, 2, 1, 3, 3, 1, 1, 1, 2, 1, 1, 1, 1, 0)	26
5281	(4, 3, 2, 1, 1, 6, 3, 2, 6, 1, 1, 1, 2, 1, 2, 2, 0)	17
5283	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 1, 1, 2, 1, 1, 5, 1, 0)	36
5285	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 1, 3, 1, 1, 1, 1, 4, 0)	36
5287	(10, 1, 3, 3, 1, 2, 1, 4, 1, 1, 2, 1, 2, 1, 5, 1, 1, 3, 1, 1, 2, 1, 2, 1, 1, 0)	26
5289	(4, 3, 2, 1, 1, 6, 5, 5, 3, 1, 1, 1, 1, 1, 1, 2, 0)	17
5291	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 2, 2, 1, 0)	17
5293	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 1, 3, 2, 2, 3, 0)	17
5295	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 4, 1, 5, 1, 3, 2, 1, 1, 1, 0)	53
5297	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 2, 2, 1, 1, 1, 2, 4, 2, 0)	34
5299	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 2, 2, 1, 1, 1, 4, 3, 1, 0)	34
5301	(4, 5, 1, 5, 2, 5, 0)	7
5303	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 5, 2, 2, 2, 3, 1, 2, 2, 2, 1, 2, 1, 3, 1, 1, 0)	53
5305	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 4, 1, 1, 1, 3, 2, 1, 2, 0)	34
5307	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 7, 2, 1, 1, 1, 1, 3, 1, 2, 1, 0)	53
5309	(4, 3, 2, 1, 3, 1, 2, 4, 6, 1, 2, 2, 2, 1, 1, 3, 0)	17
5311	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 3, 1, 1, 3, 2, 3, 2, 1, 1, 1, 1, 1, 0)	34
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5315	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 1, 4, 1, 1, 4, 1, 0)	17

5317	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 1, 4, 4, 0)	17
5319	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 3, 3, 2, 2, 1, 1, 0)	17
5321	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 1, 4, 6, 1, 1, 2, 0)	17
5323	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 1, 6, 1, 4, 2, 1, 0)	17
5325	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 3, 3, 0)	17
5327	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 4, 1, 1, 3, 1, 1, 1, 0)	29
5329	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 1, 3, 2, 0)	17
5331	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 3, 1, 1, 3, 1, 0)	17
5333	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 7, 0)	41
5335	(8, 2, 5, 1, 1, 2, 1, 4, 2, 1, 4, 1, 1, 0)	14
5337	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 3, 1, 5, 1, 2, 0)	17
5339	(8, 2, 5, 1, 1, 2, 3, 3, 3, 1, 1, 2, 1, 0)	14
5341	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 1, 2, 1, 1, 3, 1, 3, 0)	53
5343	(8, 2, 3, 6, 2, 1, 2, 2, 3, 1, 1, 1, 1, 0)	14
5345	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 2, 2, 0)	58
5347	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 9, 1, 0)	41
5349	(10, 1, 1, 4, 2, 3, 1, 1, 1, 2, 2, 1, 4, 0)	14
5351	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 4, 3, 2, 2, 1, 1, 1, 5, 1, 1, 3, 3, 2, 2, 1, 1, 2, 1, 2, 1, 1, 2, 2, 1, 1, 2, 1, 1, 0)	70
5353	(10, 1, 1, 4, 2, 1, 2, 5, 2, 1, 1, 1, 2, 0)	14
5355	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 1, 2, 1, 3, 1, 1, 2, 4, 2, 1, 2, 1, 1, 2, 2, 1, 0)	34
5357	(4, 5, 7, 1, 2, 3, 0)	7
5359	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 4, 2, 3, 2, 4, 1, 2, 1, 1, 1, 2, 2, 1, 6, 3, 1, 1, 1, 1, 1, 1, 1, 2, 1, 1, 1, 0)	70
5361	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 5, 2, 0)	24
5363	(10, 1, 3, 3, 1, 2, 1, 4, 1, 1, 2, 3, 1, 0)	14
5365	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 5, 0)	24
5367	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 3, 1, 1, 0)	24
5369	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 5, 3, 1, 2, 1, 2, 0)	24

5371	(4, 3, 2, 1, 1, 4, 4, 5, 2, 1, 2, 3, 2, 1, 2, 1, 3, 2, 3, 1, 2, 2, 1, 1, 1, 2, 1, 1, 1, 2, 2, 1, 1, 3, 1, 1, 1, 4, 1, 1, 1, 2, 1, 2, 1, 0)	46
5373	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 3, 1, 1, 1, 1, 3, 0)	34
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5377	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 3, 1, 3, 2, 2, 2, 0)	24
5379	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 1, 5, 1, 2, 1, 2, 1, 1, 1, 2, 4, 1, 0)	24
5381	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 5, 2, 4, 0)	41
5383	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 1, 5, 1, 2, 3, 1, 1, 1, 3, 2, 1, 1, 0)	24
5385	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 3, 2, 2, 2, 2, 2, 3, 1, 1, 2, 1, 2, 1, 2, 2, 2, 1, 1, 2, 0)	53
5387	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 5, 3, 2, 1, 1, 2, 3, 1, 1, 1, 1, 1, 1, 1, 2, 2, 3, 2, 1, 0)	53
5389	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 4, 3, 0)	22
5391	(4, 9, 6, 1, 1, 1, 0)	7
5393	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 3, 3, 2, 0)	22
5395	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 2, 2, 1, 2, 2, 4, 1, 1, 2, 1, 3, 1, 0)	58
5397	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 6, 0)	41
5399	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 3, 1, 5, 1, 1, 0)	22
5401	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 4, 1, 3, 2, 1, 1, 2, 1, 1, 3, 1, 2, 0)	58
5403	(4, 5, 1, 1, 5, 1, 2, 2, 4, 3, 3, 2, 1, 4, 1, 2, 1, 1, 1, 1, 1, 2, 1, 0)	24
5405	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 4, 1, 2, 3, 2, 1, 1, 1, 2, 2, 1, 3, 0)	58
5407	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 4, 5, 2, 1, 1, 1, 1, 0)	22
5409	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 7, 1, 2, 2, 0)	41
5411	(4, 3, 2, 5, 4, 1, 2, 1, 2, 5, 1, 0)	12
5413	(4, 3, 2, 5, 4, 1, 2, 3, 1, 1, 4, 0)	12
5415	(4, 3, 2, 5, 2, 6, 3, 1, 2, 1, 1, 0)	12
5417	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 3, 5, 1, 3, 1, 1, 1, 1, 2, 0)	22
5419	(4, 3, 2, 5, 4, 3, 1, 3, 2, 2, 1, 0)	12
5421	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 5, 2, 3, 0)	41

5423	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 5, 2, 2, 1, 2, 2, 2, 1, 1, 1, 0)	22
5425	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 2, 2, 1, 1, 2, 1, 2, 1, 4, 2, 0)	58
5427	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 2, 2, 1, 1, 2, 1, 2, 3, 3, 1, 0)	58
5429	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 3, 5, 0)	17
5431	(4, 3, 2, 1, 1, 4, 4, 1, 5, 3, 1, 1, 1, 5, 1, 2, 1, 5, 1, 1, 1, 1, 1, 1, 3, 1, 1, 2, 1, 1, 3, 1, 1, 0)	34
5433	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 4, 2, 3, 2, 4, 1, 2, 1, 1, 1, 2, 2, 1, 2, 0)	58
5435	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 7, 1, 2, 1, 0)	41
5437	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 3, 1, 1, 3, 0)	22
5439	(4, 3, 2, 1, 1, 4, 2, 2, 3, 1, 4, 2, 4, 4, 1, 3, 1, 1, 1, 1, 1, 0)	22
5441	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 5, 2, 2, 0)	17
5443	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 4, 1, 3, 1, 2, 1, 2, 1, 4, 1, 0)	22
5445	(4, 3, 2, 1, 3, 3, 3, 6, 1, 1, 1, 1, 1, 1, 3, 4, 0)	17
5447	(4, 3, 2, 1, 1, 4, 4, 5, 2, 1, 2, 3, 2, 1, 2, 1, 3, 2, 3, 1, 2, 2, 1, 1, 1, 2, 1, 1, 1, 2, 2, 1, 1, 0)	34
5449	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 3, 1, 6, 1, 1, 1, 1, 2, 1, 2, 3, 1, 1, 2, 0)	58
5451	(4, 3, 2, 1, 3, 3, 3, 6, 1, 1, 1, 1, 1, 5, 2, 1, 0)	17
5453	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 0)	22
5455	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 1, 1, 1, 1, 4, 2, 1, 1, 1, 3, 1, 1, 1, 2, 1, 1, 4, 1, 2, 1, 2, 3, 1, 1, 1, 0)	46
5457	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 4, 1, 1, 1, 1, 1, 1, 1, 1, 3, 2, 0)	22
5459	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 2, 2, 1, 5, 1, 2, 1, 2, 3, 2, 1, 2, 2, 2, 3, 1, 1, 2, 1, 1, 1, 1, 1, 3, 2, 1, 1, 1, 1, 1, 1, 1, 1, 3, 1, 0)	58
5461	(14, 0)	2
5463	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 3, 2, 2, 2, 4, 1, 1, 0)	41
5465	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 1, 2, 2, 2, 4, 1, 2, 0)	58
5467	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 5, 3, 2, 1, 1, 2, 1, 0)	41
5469	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 3, 0)	12

5471	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 1, 4, 5, 1, 1, 1, 1, 0)	58
5473	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 3, 3, 2, 1, 1, 2, 2, 0)	58
5475	(4, 5, 1, 1, 5, 1, 2, 2, 2, 6, 1, 0)	12
5477	(4, 5, 1, 1, 5, 1, 2, 2, 4, 1, 4, 0)	12
5479	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 2, 4, 2, 3, 3, 1, 1, 3, 3, 3, 1, 1, 1, 1, 2, 2, 1, 1, 1, 1, 2, 1, 1, 0)	70
5481	(4, 5, 1, 1, 3, 6, 5, 1, 1, 1, 2, 0)	12
5483	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 6, 2, 2, 1, 3, 1, 2, 2, 1, 0)	41
5485	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 3, 1, 3, 2, 3, 2, 1, 1, 2, 3, 0)	41
5487	(4, 3, 2, 1, 3, 7, 2, 1, 4, 1, 4, 1, 2, 1, 1, 1, 0)	17
5489	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 6, 2, 0)	46
5491	(4, 5, 1, 1, 5, 1, 4, 3, 2, 3, 1, 0)	12
5493	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 5, 0)	46
5495	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 1, 4, 2, 1, 3, 3, 1, 1, 0)	22
5497	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 1, 3, 2, 2, 3, 2, 2, 2, 1, 1, 2, 1, 3, 2, 2, 1, 1, 1, 1, 2, 1, 2, 0)	34
5499	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 3, 1, 4, 2, 2, 1, 2, 1, 0)	22
5501	(4, 5, 1, 1, 5, 3, 5, 1, 1, 1, 3, 0)	12
5503	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 3, 1, 1, 1, 1, 1, 3, 1, 3, 3, 1, 1, 2, 2, 1, 1, 2, 4, 2, 2, 1, 1, 1, 1, 1, 2, 2, 1, 4, 1, 1, 1, 1, 1, 1, 0)	63
5505	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 3, 3, 4, 1, 2, 1, 2, 4, 2, 1, 1, 1, 1, 1, 2, 1, 1, 1, 1, 1, 2, 1, 3, 1, 2, 2, 2, 0)	70
5507	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 4, 3, 4, 1, 0)	46
5509	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 2, 2, 1, 3, 2, 1, 1, 2, 4, 0)	58
5511	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 8, 2, 1, 1, 0)	46
5513	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 3, 1, 1, 2, 1, 2, 2, 2, 1, 4, 1, 2, 1, 1, 2, 0)	34
5515	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 2, 2, 1, 5, 1, 1, 3, 2, 1, 0)	58
5517	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 3, 0)	46

5519	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 4, 1, 1, 1, 4, 4, 1, 1, 1, 0)	58
5521	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 5, 3, 2, 3, 2, 0)	46
5523	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 5, 5, 1, 3, 1, 0)	46
5525	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 1, 6, 0)	46
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5529	(4, 3, 8, 1, 2, 2, 1, 3, 3, 1, 2, 0)	12
5531	(4, 3, 6, 4, 4, 3, 1, 1, 1, 2, 1, 0)	12
5533	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 1, 1, 1, 1, 4, 2, 1, 1, 1, 1, 2, 1, 3, 0)	34
5535	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 4, 1, 1, 3, 1, 1, 1, 5, 2, 1, 1, 1, 4, 1, 1, 1, 1, 2, 1, 2, 1, 1, 1, 1, 0)	46
5537	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 2, 3, 4, 2, 2, 1, 2, 2, 0)	22
5539	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 1, 2, 3, 2, 1, 5, 1, 0)	22
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5547	(4, 3, 2, 1, 7, 4, 1, 3, 1, 3, 1, 1, 2, 2, 2, 1, 0)	17
5549	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 1, 3, 1, 2, 2, 3, 0)	22
5551	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 6, 2, 1, 4, 2, 1, 1, 1, 0)	22
5553	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 4, 3, 4, 2, 0)	46
5555	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 4, 5, 3, 1, 0)	46
5557	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 1, 2, 5, 0)	46
5559	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 4, 3, 3, 1, 1, 1, 3, 1, 3, 1, 1, 0)	58
5561	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 8, 2, 1, 2, 0)	46
5563	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 1, 1, 2, 1, 1, 3, 2, 2, 3, 1, 2, 1, 0)	41
5565	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 1, 3, 1, 1, 1, 1, 4, 1, 2, 1, 1, 3, 0)	41
5567	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 4, 2, 3, 2, 4, 1, 2, 1, 1, 1, 2, 2, 3, 1, 2, 1, 1, 2, 1, 1, 1, 5, 1, 3, 1, 1, 1, 2, 3, 2, 2, 1, 3, 1, 1, 1, 1, 2, 1, 1, 1, 1, 1, 0)	87
5569	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 8, 1, 1, 3, 2, 2, 0)	46
5571	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 2, 2, 1, 1, 1, 1, 4, 1, 0)	22

5573	(4, 3, 2, 1, 1, 4, 2, 6, 4, 0)	10
5575	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 1, 3, 2, 2, 3, 2, 2, 2, 1, 1, 0)	22
5577	(4, 5, 1, 5, 2, 1, 4, 4, 1, 1, 2, 0)	12
5579	(4, 5, 1, 5, 2, 3, 1, 2, 4, 2, 1, 0)	12
5581	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 3, 3, 2, 3, 3, 0)	46
5583	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 7, 1, 1, 1, 2, 1, 3, 1, 1, 1, 0)	22
5585	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 3, 5, 1, 3, 2, 0)	46
5587	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 4, 1, 1, 1, 3, 2, 1, 2, 2, 1, 1, 3, 1, 0)	39
5589	(4, 3, 2, 1, 1, 4, 4, 1, 7, 0)	10
5591	(4, 3, 2, 1, 3, 1, 2, 4, 6, 1, 2, 2, 2, 1, 1, 3, 1, 1, 4, 1, 1, 0)	22
5593	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 1, 6, 1, 2, 0)	22
5595	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 9, 1, 1, 2, 1, 0)	46
5597	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 3, 1, 3, 0)	22
5599	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 1, 2, 6, 2, 1, 1, 3, 1, 1, 1, 1, 0)	22
5601	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 1, 6, 3, 1, 1, 1, 2, 2, 0)	22
5603	(4, 3, 2, 1, 1, 4, 4, 7, 1, 0)	10
5605	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 4, 1, 1, 1, 2, 1, 1, 1, 1, 2, 1, 4, 0)	34
5607	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 1, 6, 1, 4, 2, 3, 1, 1, 2, 1, 1, 0)	22
5609	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 3, 2, 2, 6, 1, 3, 2, 1, 2, 3, 1, 1, 1, 1, 1, 3, 1, 1, 1, 2, 1, 2, 1, 1, 1, 2, 0)	39
5611	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 5, 3, 2, 2, 2, 3, 3, 2, 1, 2, 1, 1, 1, 1, 1, 1, 2, 2, 1, 0)	58
5613	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 3, 0)	46
5615	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 1, 0)	22
5617	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 5, 2, 0)	29
5619	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 1, 2, 1, 1, 1, 2, 1, 4, 1, 2, 3, 1, 0)	58
5621	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 5, 1, 1, 1, 5, 0)	29
5623	(8, 2, 5, 1, 1, 2, 3, 3, 3, 1, 1, 2, 1, 1, 2, 3, 1, 1, 0)	19
5625	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 1, 2, 1, 1, 3, 1, 3, 2, 1, 2, 1, 2, 0)	58
5627	(8, 2, 3, 6, 2, 1, 2, 2, 1, 2, 1, 1, 3, 1, 2, 1, 2, 1, 0)	19

5629	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 4, 1, 1, 1, 1, 1, 3, 0)	63
5631	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 3, 1, 1, 7, 1, 1, 1, 1, 1, 1, 1, 1, 1, 0)	58
5633	(10, 1, 1, 4, 2, 3, 1, 1, 1, 2, 2, 3, 1, 1, 2, 2, 2, 2, 0)	19
5635	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 1, 4, 2, 4, 1, 0)	29
5637	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 3, 1, 2, 2, 4, 0)	29
5639	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 5, 2, 3, 2, 1, 1, 0)	29
5641	(4, 5, 7, 1, 2, 1, 4, 2, 1, 1, 2, 0)	12
5643	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 3, 3, 3, 2, 1, 0)	29
5645	(4, 3, 2, 1, 1, 6, 3, 4, 3, 0)	10
5647	(10, 1, 3, 3, 1, 2, 1, 4, 1, 1, 2, 1, 2, 1, 5, 1, 1, 1, 0)	19
5649	(4, 3, 2, 1, 1, 6, 5, 3, 2, 0)	10
5651	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 3, 1, 0)	29
5653	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 6, 0)	46
5655	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 3, 1, 1, 1, 1, 1, 1, 2, 5, 1, 1, 0)	39
5657	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 3, 1, 1, 1, 1, 1, 3, 1, 3, 1, 2, 0)	39
5659	(4, 3, 2, 1, 3, 1, 4, 3, 7, 1, 2, 2, 1, 2, 3, 1, 1, 1, 1, 2, 1, 0)	22
5661	(4, 3, 2, 1, 1, 10, 2, 1, 3, 0)	10
5663	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 6, 2, 2, 2, 2, 2, 1, 1, 1, 1, 0)	29
5665	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 5, 2, 2, 2, 3, 1, 2, 2, 0)	46
5667	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 3, 5, 1, 0)	46
5669	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 4, 0)	27
5671	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 2, 6, 1, 2, 1, 1, 0)	27
5673	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 4, 1, 1, 3, 1, 1, 1, 1, 5, 5, 1, 2, 1, 4, 1, 3, 1, 2, 1, 1, 1, 2, 2, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 4, 1, 1, 1, 2, 2, 3, 2, 1, 1, 1, 1, 2, 1, 1, 1, 1, 2, 0)	75
5675	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 5, 2, 2, 1, 0)	46
5677	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 4, 1, 1, 3, 2, 3, 0)	46
5679	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 5, 3, 2, 1, 1, 2, 3, 1, 1, 1, 1, 1, 5, 2, 2, 1, 1, 1, 1, 2, 2, 1, 1, 1, 0)	58
5681	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 3, 1, 3, 2, 1, 1, 1, 1, 4, 2, 0)	27

5683	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 3, 1, 3, 2, 1, 1, 1, 3, 3, 1, 0)	27
5685	(4, 3, 2, 1, 3, 1, 2, 6, 5, 0)	10
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5689	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 5, 3, 2, 2, 2, 1, 2, 0)	46
5691	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 4, 1, 2, 3, 2, 1, 1, 1, 2, 2, 1, 1, 2, 4, 1, 2, 1, 0)	63
5693	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 4, 1, 1, 3, 0)	22
5695	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 4, 1, 2, 3, 2, 1, 1, 1, 4, 1, 1, 5, 1, 1, 1, 1, 1, 0)	63
5697	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 4, 1, 2, 4, 2, 2, 0)	22
5699	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 4, 1, 4, 1, 4, 1, 0)	22
5701	(8, 2, 3, 2, 3, 4, 0)	7
5703	(4, 3, 2, 5, 4, 1, 2, 3, 1, 3, 3, 1, 2, 2, 1, 1, 0)	17
5705	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 3, 5, 1, 3, 1, 1, 1, 1, 2, 1, 3, 1, 1, 2, 0)	27
5707	(8, 2, 3, 6, 2, 1, 0)	7
5709	(8, 2, 5, 1, 3, 3, 0)	7
5711	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 3, 1, 1, 1, 0)	46
5713	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 2, 2, 1, 1, 2, 1, 2, 3, 1, 2, 2, 1, 1, 3, 2, 0)	63
5715	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 2, 2, 1, 1, 2, 1, 2, 3, 1, 4, 1, 1, 1, 3, 1, 0)	63
5717	(4, 3, 2, 1, 3, 1, 4, 1, 8, 0)	10
5719	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 1, 2, 1, 1, 2, 3, 4, 1, 1, 0)	27
5721	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 1, 2, 1, 3, 1, 1, 4, 1, 2, 0)	27
5723	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 4, 2, 3, 2, 4, 1, 2, 1, 1, 1, 2, 2, 3, 1, 2, 1, 1, 2, 1, 0)	63
5725	(10, 1, 1, 6, 1, 3, 0)	7
5727	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 3, 1, 1, 3, 4, 1, 1, 1, 1, 0)	27
5729	(8, 8, 1, 1, 2, 2, 0)	7
5731	(10, 1, 3, 1, 6, 1, 0)	7

5733	(10, 1, 3, 3, 1, 4, 0)	7
5735	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 5, 3, 2, 3, 2, 2, 1, 3, 1, 1, 4, 1, 1, 2, 1, 3, 1, 1, 1, 2, 1, 1, 0)	63
5737	(4, 3, 2, 1, 1, 4, 4, 5, 2, 1, 2, 3, 2, 1, 2, 1, 3, 2, 3, 1, 2, 2, 1, 1, 1, 2, 1, 1, 1, 2, 2, 1, 1, 3, 1, 1, 1, 2, 0)	39
5739	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 3, 1, 6, 1, 1, 1, 1, 2, 1, 2, 3, 1, 1, 2, 2, 1, 2, 2, 1, 0)	63
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5743	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 3, 3, 2, 2, 1, 2, 1, 2, 1, 4, 2, 1, 2, 1, 1, 1, 0)	27
5745	(4, 3, 2, 1, 3, 1, 4, 7, 2, 0)	10
5747	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 2, 2, 1, 5, 1, 2, 1, 2, 3, 2, 1, 2, 2, 2, 3, 1, 1, 2, 1, 1, 1, 1, 1, 3, 2, 1, 1, 1, 1, 1, 1, 1, 1, 1, 2, 1, 2, 2, 3, 1, 0)	63
5749	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 5, 0)	17
5751	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 1, 5, 3, 1, 1, 0)	17
5753	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 3, 2, 2, 2, 2, 2, 3, 1, 1, 2, 1, 2, 0)	46
5755	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 5, 2, 1, 2, 1, 0)	17
5757	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 5, 3, 2, 1, 1, 2, 1, 2, 1, 1, 1, 3, 0)	46
5759	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 2, 5, 3, 3, 6, 1, 1, 2, 1, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 1, 1, 1, 1, 1, 1, 0)	39
5761	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 1, 4, 5, 1, 1, 1, 1, 1, 1, 2, 2, 2, 0)	63
5763	(4, 3, 2, 1, 3, 1, 8, 4, 1, 0)	10
5765	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 2, 2, 1, 2, 4, 0)	51
5767	(4, 5, 1, 1, 5, 1, 2, 2, 4, 1, 2, 2, 4, 2, 1, 1, 0)	17
5769	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 3, 1, 1, 3, 2, 1, 1, 4, 2, 1, 1, 2, 1, 1, 2, 0)	63
5771	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 4, 1, 3, 2, 1, 0)	51
5773	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 5, 3, 0)	15
5775	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 6, 2, 2, 1, 3, 1, 2, 2, 1, 1, 4, 1, 1, 1, 0)	46
5777	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 4, 1, 2, 3, 2, 0)	51

5779	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 4, 3, 1, 3, 1, 0)	51
5781	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 6, 0)	15
5783	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 7, 1, 1, 0)	15
5785	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 1, 4, 2, 1, 3, 1, 2, 1, 1, 2, 3, 1, 2, 0)	27
5787	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 1, 4, 2, 1, 1, 6, 1, 2, 1, 1, 1, 2, 1, 0)	27
5789	(4, 5, 1, 1, 5, 3, 3, 2, 1, 1, 3, 2, 1, 2, 1, 3, 0)	17
5791	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 0)	39
5793	(4, 5, 1, 1, 5, 3, 5, 1, 1, 1, 3, 1, 2, 1, 2, 2, 0)	17
5795	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 4, 3, 2, 2, 1, 1, 1, 5, 1, 0)	51
5797	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 4, 3, 4, 1, 1, 1, 1, 1, 4, 0)	51
5799	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 3, 3, 4, 1, 2, 1, 2, 4, 2, 1, 1, 1, 1, 1, 2, 1, 1, 1, 1, 1, 2, 1, 3, 1, 2, 4, 1, 2, 1, 2, 1, 1, 0)	75
5801	(4, 3, 2, 1, 1, 4, 4, 1, 5, 3, 1, 1, 1, 5, 1, 2, 1, 5, 1, 1, 1, 1, 1, 1, 1, 2, 0)	27
5803	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 2, 2, 1, 3, 2, 1, 1, 4, 1, 2, 2, 2, 2, 1, 0)	63
5805	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 2, 2, 3, 0)	51
5807	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 3, 1, 1, 2, 1, 2, 2, 2, 1, 4, 1, 2, 1, 1, 2, 3, 2, 1, 1, 1, 0)	39
5809	(4, 3, 2, 1, 1, 4, 2, 2, 3, 1, 4, 2, 4, 2, 0)	15
5811	(4, 3, 2, 1, 1, 4, 2, 2, 3, 1, 4, 4, 3, 1, 0)	15
5813	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 5, 0)	15
5815	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 5, 3, 2, 3, 2, 2, 1, 3, 1, 1, 0)	51
5817	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 1, 4, 2, 3, 2, 1, 2, 0)	51
5819	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 1, 6, 1, 3, 1, 2, 1, 0)	51
5821	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 3, 1, 4, 2, 1, 1, 3, 0)	51

5823	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 9, 2, 3, 2, 2, 1, 1, 1, 1, 1, 0)	51
5825	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 3, 3, 2, 2, 0)	15
5827	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 1, 1, 1, 1, 4, 2, 1, 1, 1, 3, 1, 1, 1, 2, 1, 1, 4, 1, 0)	39
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5833	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 1, 2, 5, 1, 1, 1, 2, 1, 5, 1, 1, 2, 0)	27
5835	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 1, 2, 5, 1, 1, 3, 1, 1, 1, 4, 2, 1, 0)	27
5837	(4, 3, 2, 1, 3, 3, 5, 3, 3, 0)	10
5839	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 2, 2, 1, 1, 1, 1, 1, 2, 4, 1, 2, 2, 1, 3, 2, 3, 1, 1, 1, 1, 3, 1, 1, 1, 0)	80
5841	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 1, 3, 1, 2, 2, 1, 2, 2, 1, 3, 2, 0)	27
5843	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 1, 3, 1, 2, 2, 1, 4, 1, 1, 3, 1, 0)	27
5845	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 7, 0)	34
5847	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 1, 2, 1, 5, 1, 4, 1, 1, 0)	51
5849	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 1, 2, 5, 1, 2, 0)	51
5851	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 4, 5, 3, 1, 3, 1, 1, 2, 1, 0)	51
5853	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 3, 1, 3, 0)	51
5855	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 4, 3, 3, 1, 1, 1, 3, 1, 1, 2, 3, 3, 1, 1, 1, 1, 0)	63
5857	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 8, 2, 3, 1, 1, 1, 1, 2, 2, 0)	51
5859	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 8, 1, 0)	34
5861	(4, 3, 2, 1, 3, 7, 2, 1, 4, 0)	10
5863	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 1, 3, 1, 1, 1, 1, 2, 6, 1, 2, 1, 2, 1, 1, 2, 1, 1, 0)	46
5865	(10, 1, 3, 3, 1, 2, 1, 4, 1, 1, 2, 1, 2, 1, 5, 1, 1, 3, 1, 1, 2, 1, 2, 1, 1, 2, 1, 2, 2, 2, 2, 1, 1, 1, 2, 0)	36
5867	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 2, 2, 1, 1, 1, 1, 2, 4, 1, 1, 2, 2, 1, 0)	27

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5871	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 1, 0)	27
5873	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 3, 5, 2, 0)	34
5875	(4, 5, 1, 5, 2, 3, 1, 2, 4, 2, 1, 1, 1, 2, 3, 1, 0)	17
5877	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 5, 0)	15
5879	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 7, 1, 1, 1, 2, 1, 1, 2, 1, 1, 2, 2, 3, 1, 1, 0)	27
5881	(4, 3, 2, 1, 1, 4, 4, 1, 3, 6, 1, 2, 1, 2, 0)	15
5883	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 3, 5, 1, 5, 1, 1, 2, 1, 2, 1, 0)	51
5885	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 3, 3, 4, 1, 2, 1, 2, 4, 2, 1, 1, 1, 1, 1, 2, 1, 1, 1, 1, 3, 0)	63
5887	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 2, 2, 1, 5, 4, 1, 3, 1, 2, 1, 2, 1, 1, 1, 1, 1, 1, 1, 0)	44
5889	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 5, 2, 2, 2, 0)	34
5891	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 3, 1, 1, 2, 1, 2, 4, 1, 0)	27
5893	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 3, 1, 1, 3, 2, 4, 0)	34
5895	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 3, 1, 3, 1, 3, 2, 1, 1, 0)	27
5897	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 1, 2, 6, 2, 1, 1, 3, 1, 1, 1, 1, 2, 2, 1, 1, 2, 0)	27
5899	(4, 3, 2, 1, 1, 4, 4, 5, 2, 1, 2, 3, 2, 1, 0)	15
5901	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 4, 3, 0)	51
5903	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 3, 1, 7, 1, 1, 1, 0)	34
5905	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 3, 3, 2, 0)	51
5907	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 3, 2, 2, 6, 1, 3, 2, 1, 2, 3, 1, 1, 1, 1, 1, 3, 1, 1, 1, 2, 1, 2, 1, 1, 1, 2, 1, 2, 1, 3, 1, 0)	44
5909	(4, 3, 6, 6, 0)	5
5911	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 3, 1, 1, 1, 1, 5, 1, 1, 0)	51
5913	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 1, 1, 1, 3, 1, 2, 0)	27
5915	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 9, 2, 1, 1, 2, 3, 1, 4, 1, 1, 1, 4, 1, 2, 1, 1, 1, 1, 1, 1, 1, 1, 2, 1, 0)	63

5917	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 5, 1, 1, 1, 3, 2, 2, 2, 1, 3, 0)	34
5919	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 1, 2, 1, 1, 1, 2, 1, 4, 1, 2, 3, 3, 2, 1, 1, 1, 1, 0)	63
5921	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 2, 2, 1, 1, 1, 1, 1, 2, 4, 1, 2, 2, 0)	68
5923	(4, 3, 2, 1, 7, 2, 2, 5, 1, 0)	10
5925	(4, 3, 2, 1, 7, 4, 1, 1, 4, 0)	10
5927	(8, 2, 3, 6, 2, 1, 2, 2, 1, 2, 1, 1, 3, 1, 2, 1, 2, 1, 3, 1, 2, 1, 1, 0)	24
5929	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 4, 1, 1, 1, 1, 1, 5, 1, 1, 1, 1, 2, 0)	68
5931	(4, 3, 2, 1, 9, 3, 2, 2, 1, 0)	10
5933	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 2, 4, 2, 3, 0)	51
5935	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 1, 4, 2, 2, 4, 2, 2, 1, 1, 1, 0)	34
5937	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 4, 1, 4, 2, 0)	51
5939	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 4, 3, 3, 1, 0)	51
5941	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 5, 0)	15
5943	(4, 3, 2, 1, 1, 6, 3, 2, 6, 1, 1, 3, 1, 1, 0)	15
5945	(4, 3, 2, 1, 1, 6, 3, 4, 3, 1, 2, 2, 1, 2, 0)	15
5947	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 3, 5, 1, 2, 1, 0)	51
5949	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 1, 3, 1, 1, 3, 0)	34
5951	(4, 3, 2, 1, 1, 6, 5, 5, 3, 1, 1, 1, 1, 1, 0)	15
5953	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 2, 0)	15
5955	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 4, 1, 3, 2, 1, 4, 1, 0)	51
5957	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 1, 3, 4, 0)	15
5959	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 3, 1, 1, 1, 1, 1, 3, 1, 3, 3, 1, 1, 2, 2, 1, 1, 0)	44
5961	(4, 3, 2, 1, 1, 10, 2, 1, 1, 3, 3, 1, 1, 2, 0)	15

5963	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 5, 2, 1, 0)	15
5965	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 2, 2, 1, 1, 3, 3, 0)	32
5967	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 5, 2, 2, 2, 3, 1, 2, 2, 2, 3, 1, 1, 1, 0)	51
5969	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 4, 1, 1, 1, 3, 2, 0)	32
5971	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 7, 2, 1, 1, 1, 1, 3, 1, 0)	51
5973	(4, 5, 1, 9, 0)	5
5975	(4, 3, 2, 1, 3, 1, 2, 4, 6, 1, 2, 4, 1, 1, 0)	15
5977	(4, 3, 2, 1, 3, 1, 2, 6, 1, 2, 3, 4, 1, 2, 0)	15
5979	(4, 9, 4, 2, 1, 1, 2, 1, 4, 1, 2, 2, 1, 1, 2, 1, 0)	17
5981	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 1, 4, 1, 3, 0)	15
5983	(4, 3, 2, 1, 3, 1, 2, 6, 1, 8, 1, 1, 1, 1, 0)	15
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5987	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 1, 4, 6, 1, 0)	15
5989	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 1, 6, 1, 4, 0)	15
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5993	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 4, 1, 1, 1, 2, 0)	27
5995	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 4, 1, 1, 1, 4, 1, 2, 2, 1, 0)	27
5997	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 3, 0)	15
5999	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 4, 1, 2, 3, 2, 1, 1, 1, 4, 1, 1, 5, 1, 1, 1, 1, 3, 1, 2, 1, 1, 1, 0)	68
6001	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 6, 2, 0)	15
6003	(8, 2, 5, 1, 1, 2, 1, 4, 2, 3, 1, 0)	12
6005	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 3, 1, 5, 0)	15
6007	(8, 2, 5, 1, 1, 2, 3, 3, 3, 1, 1, 0)	12
6009	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 3, 5, 1, 3, 1, 1, 1, 1, 2, 1, 3, 1, 3, 1, 1, 1, 2, 1, 2, 0)	32
6011	(8, 2, 3, 6, 2, 1, 2, 2, 1, 2, 1, 0)	12
6013	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 3, 1, 1, 1, 3, 0)	51

6015	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 3, 1, 1, 1, 1, 1, 1, 0)	56
6017	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 2, 2, 1, 1, 2, 1, 2, 3, 1, 4, 1, 1, 1, 1, 2, 2, 1, 2, 2, 2, 0)	68
6019	(10, 1, 1, 4, 2, 1, 2, 1, 3, 4, 1, 0)	12
6021	(10, 1, 1, 4, 2, 3, 1, 1, 1, 2, 4, 0)	12
6023	(10, 1, 1, 4, 2, 1, 2, 5, 2, 1, 1, 0)	12
6025	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 1, 2, 1, 3, 1, 1, 2, 4, 2, 1, 2, 1, 1, 2, 0)	32
6027	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 4, 2, 3, 2, 4, 1, 2, 1, 1, 1, 2, 2, 3, 1, 2, 1, 1, 2, 1, 1, 1, 3, 2, 1, 0)	68
6029	(4, 5, 7, 3, 0)	5
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6033	(10, 1, 3, 3, 1, 2, 1, 2, 2, 3, 2, 0)	12
6035	(10, 1, 3, 3, 1, 2, 1, 4, 1, 3, 1, 0)	12
6037	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 6, 0)	22
6039	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 6, 1, 1, 0)	22
6041	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 5, 3, 1, 2, 0)	22
6043	(4, 3, 2, 1, 1, 4, 4, 5, 2, 1, 2, 3, 2, 1, 2, 1, 3, 2, 3, 1, 2, 2, 1, 1, 1, 2, 1, 1, 1, 2, 2, 1, 1, 3, 1, 1, 1, 4, 1, 1, 1, 2, 1, 0)	44
6045	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 1, 2, 1, 3, 0)	32
6047	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 1, 2, 1, 5, 3, 1, 2, 1, 1, 1, 1, 0)	32
6049	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 5, 2, 1, 2, 2, 0)	22
6051	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 3, 1, 5, 1, 0)	22
6053	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 1, 5, 1, 2, 1, 2, 1, 1, 1, 4, 0)	22
6055	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 4, 1, 1, 1, 1, 1, 1, 1, 1, 3, 4, 2, 1, 1, 1, 2, 2, 1, 2, 1, 1, 0)	32
6057	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 2, 2, 1, 5, 1, 2, 1, 2, 3, 2, 1, 2, 2, 2, 3, 1, 1, 2, 1, 1, 1, 1, 1, 3, 2, 1, 1, 1, 1, 1, 1, 1, 1, 1, 3, 1, 5, 1, 1, 2, 1, 1, 1, 1, 1, 2, 0)	68
6059	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 3, 2, 2, 2, 2, 2, 3, 1, 1, 2, 1, 2, 1, 2, 2, 2, 1, 0)	51
6061	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 5, 3, 2, 1, 1, 2, 3, 1, 1, 1, 1, 1, 1, 1, 2, 2, 3, 0)	51

6063	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 5, 3, 2, 1, 1, 2, 1, 2, 1, 1, 1, 1, 5, 2, 1, 1, 1, 0)	51
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6073	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 3, 2, 2, 4, 2, 1, 2, 0)	20
6075	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 3, 2, 4, 3, 1, 2, 1, 0)	20
6077	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 4, 1, 3, 2, 1, 1, 2, 1, 1, 3, 0)	56
6079	(4, 5, 1, 1, 5, 1, 2, 2, 4, 3, 3, 2, 1, 4, 1, 2, 1, 1, 1, 1, 1, 0)	22
6081	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 4, 1, 3, 2, 2, 0)	20
6083	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 4, 1, 2, 3, 2, 1, 1, 1, 4, 1, 0)	56
6085	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 5, 4, 0)	39
6087	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 4, 3, 1, 3, 1, 2, 2, 2, 1, 1, 0)	56
6089	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 5, 2, 1, 1, 4, 1, 1, 2, 0)	20
6091	(4, 3, 2, 5, 2, 4, 4, 2, 1, 0)	10
6093	(4, 3, 2, 5, 4, 1, 2, 3, 3, 0)	10
6095	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 3, 5, 1, 3, 1, 1, 1, 0)	20
6097	(4, 3, 2, 5, 4, 3, 1, 3, 2, 0)	10
6099	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 3, 1, 0)	44
6101	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 0)	39
6103	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 4, 3, 2, 2, 1, 1, 1, 5, 1, 1, 1, 4, 1, 1, 0)	56
6105	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 7, 1, 2, 0)	39
6107	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 4, 3, 4, 1, 1, 1, 1, 3, 1, 4, 1, 1, 2, 1, 0)	56

6109	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 2, 2, 1, 1, 2, 3, 1, 3, 0)	56
6111	(4, 3, 2, 1, 1, 4, 4, 1, 5, 3, 1, 1, 1, 5, 1, 2, 1, 5, 1, 1, 1, 1, 1, 1, 3, 1, 3, 1, 1, 1, 1, 0)	32
6113	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 4, 2, 3, 2, 4, 1, 2, 1, 1, 1, 2, 2, 0)	56
6115	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 7, 1, 0)	39
6117	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 1, 4, 0)	20
6119	(4, 3, 2, 1, 1, 4, 2, 2, 3, 1, 4, 2, 4, 4, 1, 1, 2, 1, 1, 0)	20
6121	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 1, 5, 1, 2, 1, 2, 1, 1, 3, 3, 2, 1, 1, 3, 1, 1, 6, 3, 1, 2, 1, 2, 4, 2, 1, 1, 1, 1, 2, 1, 2, 1, 1, 1, 2, 1, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 2, 1, 1, 1, 2, 0)	63
6123	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 4, 1, 1, 1, 4, 4, 1, 1, 1, 3, 1, 2, 2, 1, 1, 1, 2, 2, 1, 0)	68
6125	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 4, 1, 3, 1, 2, 1, 2, 3, 0)	20
6127	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 8, 1, 1, 2, 1, 1, 1, 0)	20
6129	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 5, 2, 0)	15
6131	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 3, 1, 6, 1, 1, 1, 1, 2, 1, 2, 3, 1, 0)	56
6133	(4, 3, 2, 1, 3, 3, 3, 6, 1, 1, 1, 1, 1, 5, 0)	15
6135	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 3, 3, 2, 2, 1, 2, 3, 1, 1, 0)	20
6137	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 1, 1, 1, 1, 4, 2, 1, 1, 1, 3, 1, 1, 1, 2, 1, 1, 4, 1, 2, 1, 2, 1, 2, 0)	44
6139	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 1, 1, 1, 1, 4, 2, 1, 1, 1, 1, 2, 1, 5, 1, 2, 1, 1, 2, 1, 2, 1, 2, 1, 0)	44
6141	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 4, 1, 1, 1, 1, 1, 1, 1, 3, 0)	20
6143	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 2, 2, 1, 5, 1, 2, 1, 2, 3, 2, 1, 2, 2, 2, 3, 1, 1, 2, 1, 1, 1, 1, 1, 5, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 0)	56
6145	(4, 3, 2, 1, 3, 3, 5, 3, 1, 2, 2, 2, 2, 2, 0)	15
6147	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 3, 2, 2, 4, 1, 0)	39
6149	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 1, 2, 2, 2, 4, 0)	56
6151	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 5, 3, 2, 1, 1, 0)	39
6153	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 1, 3, 1, 2, 2, 1, 4, 1, 1, 1, 2, 3, 2, 1, 1, 2, 0)	32

6155	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 1, 4, 3, 2, 1, 0)	56
6157	(4, 5, 1, 1, 3, 4, 2, 4, 3, 0)	10
6159	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 3, 5, 1, 1, 1, 0)	56
6161	(4, 5, 1, 1, 3, 4, 4, 3, 2, 0)	10
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6165	(4, 5, 1, 1, 5, 1, 2, 2, 6, 0)	10
6167	(4, 5, 1, 1, 3, 6, 5, 1, 1, 0)	10
6169	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 6, 2, 2, 1, 3, 1, 2, 0)	39
6171	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 2, 2, 1, 1, 2, 1, 2, 3, 1, 4, 1, 1, 1, 3, 3, 4, 3, 1, 1, 1, 1, 1, 3, 1, 1, 2, 2, 1, 2, 2, 1, 2, 1, 2, 1, 1, 2, 1, 1, 1, 1, 3, 2, 1, 1, 1, 1, 2, 1, 0)	97
6173	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 3, 1, 3, 2, 3, 2, 1, 3, 0)	39
6175	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 1, 3, 1, 1, 1, 1, 4, 3, 1, 1, 1, 1, 1, 4, 3, 1, 2, 2, 1, 1, 1, 1, 0)	51
6177	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 3, 1, 5, 1, 3, 1, 2, 2, 0)	39
6179	(4, 5, 1, 1, 5, 1, 4, 5, 1, 0)	10
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6183	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 3, 3, 2, 1, 2, 2, 3, 3, 1, 1, 4, 1, 2, 1, 1, 0)	56
6185	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 1, 3, 2, 2, 3, 2, 2, 2, 1, 1, 2, 1, 3, 2, 2, 1, 1, 1, 1, 2, 0)	32
6187	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 3, 1, 4, 2, 2, 1, 0)	20
6189	(4, 5, 1, 1, 5, 3, 3, 2, 3, 0)	10
6191	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 3, 1, 1, 1, 1, 1, 3, 1, 3, 3, 1, 1, 2, 2, 1, 1, 2, 4, 2, 2, 1, 1, 1, 1, 1, 2, 2, 1, 2, 2, 1, 1, 1, 0)	61
6193	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 3, 3, 4, 1, 2, 1, 2, 4, 2, 1, 1, 1, 1, 1, 2, 1, 1, 1, 1, 1, 2, 1, 1, 4, 2, 0)	68
6195	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 3, 3, 4, 1, 2, 1, 2, 4, 2, 1, 1, 1, 1, 1, 2, 1, 1, 1, 1, 1, 2, 1, 3, 3, 1, 0)	68
6197	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 4, 5, 0)	44

6199	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 4, 1, 1, 1, 3, 2, 1, 2, 2, 1, 1, 3, 3, 1, 2, 1, 2, 1, 1, 1, 3, 1, 1, 0)	49
6201	(4, 5, 1, 1, 9, 2, 2, 1, 2, 0)	10
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6205	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 2, 2, 1, 5, 1, 1, 3, 0)	56
6207	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 1, 2, 3, 4, 2, 1, 1, 4, 1, 1, 1, 1, 1, 0)	32
6209	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 4, 1, 1, 1, 4, 2, 2, 0)	56
6211	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 4, 1, 1, 3, 1, 4, 1, 0)	56
6213	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 5, 3, 4, 0)	44
6215	(4, 3, 2, 1, 1, 4, 4, 5, 2, 3, 1, 3, 1, 2, 1, 2, 2, 1, 1, 0)	20
6217	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 3, 1, 7, 1, 1, 1, 1, 3, 1, 1, 2, 0)	39
6219	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 9, 2, 1, 0)	44
6221	(4, 3, 8, 1, 2, 2, 1, 3, 3, 0)	10
6223	(4, 3, 6, 4, 4, 3, 1, 1, 1, 0)	10
6225	(4, 3, 8, 1, 4, 1, 1, 3, 2, 0)	10
6227	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 1, 1, 1, 1, 4, 2, 1, 1, 1, 3, 1, 0)	32
6229	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 8, 0)	44
6231	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 2, 3, 4, 4, 1, 1, 0)	20
6233	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 2, 5, 1, 4, 1, 2, 0)	20
6235	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 1, 2, 1, 1, 1, 2, 1, 4, 1, 2, 3, 5, 1, 1, 1, 1, 1, 2, 1, 1, 2, 1, 0)	68
6237	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 1, 2, 5, 1, 3, 0)	20
6239	(4, 3, 2, 1, 7, 2, 2, 5, 1, 4, 1, 1, 1, 1, 0)	15
6241	(4, 3, 2, 1, 7, 4, 1, 3, 1, 3, 1, 1, 2, 2, 0)	15
6243	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 1, 1, 6, 1, 0)	20
6245	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 1, 3, 1, 4, 0)	20
6247	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 3, 1, 1, 5, 2, 1, 1, 1, 1, 1, 1, 1, 4, 2, 2, 2, 1, 1, 1, 2, 1, 1, 0)	68

6249	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 2, 4, 2, 3, 3, 1, 1, 1, 2, 0)	56
6251	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 1, 4, 2, 2, 4, 2, 2, 1, 1, 1, 2, 1, 2, 2, 1, 0)	39
6253	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 4, 3, 3, 1, 1, 1, 1, 2, 3, 0)	56
6255	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 3, 1, 2, 4, 1, 1, 6, 1, 1, 2, 1, 2, 1, 1, 1, 0)	39
6257	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 8, 2, 0)	44
6259	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 1, 1, 2, 1, 1, 3, 2, 2, 3, 1, 0)	39
6261	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 5, 0)	44
6263	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 1, 3, 1, 1, 1, 1, 4, 3, 1, 1, 0)	39
6265	(10, 1, 3, 3, 1, 2, 1, 4, 1, 1, 2, 1, 2, 1, 5, 1, 1, 3, 1, 1, 2, 1, 2, 1, 1, 2, 1, 2, 0)	29
6267	(4, 3, 2, 1, 1, 6, 5, 5, 1, 2, 1, 1, 1, 1, 3, 2, 1, 2, 1, 0)	20
6269	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 2, 2, 1, 1, 1, 3, 0)	20
6271	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 5, 4, 1, 2, 1, 1, 1, 3, 3, 2, 1, 1, 1, 1, 1, 1, 0)	39
6273	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 1, 3, 4, 1, 1, 2, 2, 2, 0)	20
6275	(4, 5, 1, 5, 2, 1, 4, 4, 1, 0)	10
6277	(4, 5, 1, 5, 2, 3, 1, 2, 4, 0)	10
6279	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 2, 2, 1, 1, 1, 4, 1, 4, 2, 1, 1, 0)	37
6281	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 7, 1, 1, 1, 2, 1, 1, 2, 0)	20
6283	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 5, 2, 2, 2, 3, 1, 2, 2, 2, 1, 2, 1, 1, 2, 1, 3, 2, 1, 0)	56
6285	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 3, 5, 3, 0)	44
6287	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 4, 1, 1, 1, 3, 2, 1, 4, 1, 1, 1, 0)	37
6289	(4, 3, 2, 1, 3, 1, 2, 4, 6, 1, 2, 2, 2, 1, 1, 1, 2, 3, 2, 0)	20
6291	(4, 3, 2, 1, 3, 1, 2, 4, 6, 1, 2, 2, 2, 1, 1, 3, 1, 3, 1, 0)	20
6293	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 1, 6, 0)	20
6295	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 9, 1, 1, 0)	44
6297	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 1, 4, 1, 1, 2, 2, 3, 1, 2, 0)	20
6299	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 1, 2, 6, 2, 1, 1, 1, 2, 1, 0)	20
6301	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 1, 6, 1, 2, 1, 3, 0)	20

6303	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 6, 4, 2, 4, 1, 1, 1, 1, 1, 1, 2, 1, 1, 1, 1, 0)	56
6305	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 1, 4, 6, 1, 1, 2, 1, 2, 2, 0)	20
6307	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 3, 1, 1, 5, 1, 0)	20
6309	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 4, 1, 1, 1, 2, 1, 1, 1, 1, 4, 0)	32
6311	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 3, 2, 2, 6, 1, 3, 2, 1, 2, 3, 1, 1, 1, 1, 1, 3, 1, 1, 1, 2, 1, 2, 1, 1, 0)	37
6313	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 5, 3, 2, 2, 2, 3, 3, 2, 1, 2, 1, 1, 1, 1, 1, 1, 2, 0)	56
6315	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 1, 3, 2, 2, 2, 1, 0)	20
6317	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 3, 0)	44
6319	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 4, 1, 2, 3, 2, 1, 1, 1, 4, 1, 1, 5, 1, 1, 1, 1, 3, 1, 2, 1, 1, 1, 3, 2, 1, 1, 1, 0)	73
6321	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 1, 2, 1, 1, 1, 2, 1, 2, 4, 2, 0)	56
6323	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 1, 2, 1, 1, 1, 2, 1, 4, 3, 1, 0)	56
6325	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 5, 0)	27
6327	(8, 2, 5, 1, 1, 2, 3, 3, 3, 1, 1, 2, 1, 3, 1, 1, 0)	17
6329	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 1, 2, 1, 1, 3, 1, 3, 2, 1, 2, 0)	56
6331	(8, 2, 3, 6, 2, 1, 2, 2, 1, 2, 1, 1, 3, 1, 2, 1, 0)	17
6333	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 2, 2, 1, 1, 3, 0)	61
6335	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 3, 1, 1, 5, 2, 1, 1, 1, 1, 1, 0)	56
6337	(10, 1, 1, 4, 2, 3, 1, 1, 1, 2, 2, 1, 2, 3, 2, 2, 0)	17
6339	(10, 1, 1, 4, 2, 3, 1, 1, 1, 2, 2, 3, 1, 1, 4, 1, 0)	17
6341	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 1, 4, 4, 0)	27
6343	(10, 1, 1, 4, 2, 3, 1, 1, 1, 4, 1, 3, 2, 2, 1, 1, 0)	17
6345	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 7, 1, 1, 2, 0)	27
6347	(4, 5, 7, 1, 2, 1, 4, 2, 1, 0)	10

6349	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 3, 3, 3, 0)	27
6351	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 4, 2, 3, 2, 4, 1, 2, 1, 1, 1, 2, 2, 1, 6, 3, 1, 1, 1, 1, 1, 1, 1, 2, 1, 1, 3, 1, 1, 1, 0)	73
6353	(10, 1, 3, 3, 1, 2, 1, 4, 1, 1, 2, 1, 2, 1, 3, 2, 0)	17
6355	(10, 1, 3, 3, 1, 2, 1, 4, 1, 1, 2, 3, 1, 1, 3, 1, 0)	17
6357	(4, 3, 2, 1, 1, 6, 7, 0)	8
6359	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 4, 1, 1, 0)	27
6361	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 1, 2, 1, 1, 1, 1, 5, 1, 2, 0)	37
6363	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 5, 3, 1, 2, 3, 1, 1, 2, 1, 0)	27
6365	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 3, 1, 1, 1, 1, 1, 3, 1, 3, 0)	37
6367	(4, 3, 2, 1, 3, 1, 4, 3, 7, 1, 2, 2, 1, 2, 3, 1, 1, 1, 1, 0)	20
6369	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 1, 2, 1, 5, 3, 3, 1, 1, 1, 1, 1, 1, 1, 1, 2, 2, 0)	37
6371	(4, 3, 2, 1, 1, 12, 1, 0)	8
6373	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 5, 2, 2, 2, 1, 4, 0)	44
6375	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 2, 2, 1, 5, 1, 2, 1, 2, 3, 2, 1, 2, 2, 2, 3, 1, 1, 2, 1, 1, 1, 1, 1, 3, 2, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 2, 1, 2, 2, 1, 2, 3, 1, 2, 3, 2, 1, 1, 2, 1, 1, 0)	73
6377	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 1, 5, 1, 2, 1, 2, 1, 1, 3, 3, 2, 1, 1, 1, 2, 0)	27
6379	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 1, 5, 1, 2, 3, 1, 1, 1, 3, 2, 1, 1, 2, 2, 1, 0)	27
6381	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 3, 0)	25
6383	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 4, 1, 1, 3, 1, 1, 1, 1, 5, 5, 1, 2, 1, 4, 1, 3, 1, 2, 1, 1, 1, 2, 2, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 4, 1, 1, 1, 2, 2, 3, 2, 1, 1, 1, 1, 2, 1, 1, 1, 0)	73
6385	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 5, 2, 0)	44
6387	(4, 9, 4, 2, 1, 1, 2, 3, 1, 0)	10
6389	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 4, 1, 1, 5, 0)	44
6391	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 3, 3, 2, 3, 1, 1, 0)	25
6393	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 2, 2, 1, 2, 2, 4, 1, 1, 2, 1, 3, 1, 2, 1, 2, 0)	61
6395	(4, 3, 2, 1, 7, 4, 1, 1, 2, 3, 4, 2, 2, 4, 1, 2, 1, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 1, 1, 3, 2, 1, 3, 1, 2, 1, 1, 1, 1, 2, 1, 2, 1, 0)	44
6397	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 3, 1, 5, 1, 1, 1, 1, 3, 0)	25
6399	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 2, 2, 1, 4, 5, 1, 1, 4, 1, 1, 1, 1, 1, 1, 1, 0)	61

6401	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 5, 3, 2, 2, 2, 0)	44
6403	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 4, 1, 2, 3, 2, 1, 1, 1, 2, 2, 1, 1, 2, 4, 1, 0)	61
6405	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 4, 0)	20
6407	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 4, 1, 2, 3, 2, 1, 1, 1, 4, 1, 1, 3, 2, 1, 1, 0)	61
6409	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 5, 4, 2, 2, 1, 1, 2, 0)	44
6411	(4, 3, 2, 5, 4, 1, 2, 1, 2, 3, 2, 3, 2, 1, 0)	15
6413	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 4, 1, 4, 3, 0)	20
6415	(4, 3, 2, 5, 4, 1, 2, 3, 1, 1, 6, 1, 1, 1, 0)	15
6417	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 4, 3, 3, 2, 0)	20
6419	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 3, 5, 1, 3, 1, 1, 1, 1, 2, 1, 3, 1, 0)	25
6421	(8, 2, 3, 6, 0)	5
6423	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 5, 2, 1, 5, 1, 1, 0)	44
6425	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 0)	44
6427	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 5, 2, 2, 1, 2, 4, 1, 1, 1, 1, 1, 2, 1, 0)	25
6429	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 2, 2, 1, 1, 2, 1, 2, 3, 1, 2, 2, 1, 3, 0)	61
6431	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 7, 1, 4, 2, 1, 1, 1, 1, 0)	44
6433	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 3, 5, 1, 2, 2, 0)	20
6435	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 1, 2, 1, 1, 2, 5, 1, 0)	25
6437	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 1, 2, 1, 3, 1, 1, 4, 0)	25
6439	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 4, 2, 3, 2, 4, 1, 2, 1, 1, 1, 2, 2, 3, 1, 2, 1, 1, 0)	61
6441	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 7, 3, 1, 1, 1, 1, 2, 0)	44
6443	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 3, 1, 1, 3, 2, 2, 1, 0)	25
6445	(8, 6, 2, 3, 0)	5
6447	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 3, 1, 3, 2, 2, 2, 1, 1, 1, 0)	25
6449	(4, 3, 2, 1, 3, 3, 3, 6, 1, 1, 1, 1, 1, 1, 3, 2, 1, 4, 2, 0)	20
6451	(4, 3, 2, 1, 3, 3, 3, 6, 1, 1, 1, 1, 1, 1, 3, 2, 3, 3, 1, 0)	20
6453	(10, 1, 3, 5, 0)	5

6455	(4, 3, 2, 1, 1, 4, 4, 5, 2, 1, 2, 3, 2, 1, 2, 1, 3, 2, 3, 1, 2, 2, 1, 1, 1, 2, 1, 1, 1, 2, 2, 1, 1, 3, 1, 1, 0)	37
6457	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 3, 1, 6, 1, 1, 1, 1, 2, 1, 2, 3, 1, 1, 2, 2, 1, 2, 0)	61
6459	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 1, 6, 1, 2, 1, 0)	25
6461	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 3, 0)	25
6463	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 3, 3, 1, 4, 2, 4, 1, 1, 2, 1, 1, 3, 1, 1, 1, 1, 1, 0)	61
6465	(10, 5, 2, 2, 0)	5
6467	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 2, 2, 1, 5, 1, 2, 1, 2, 3, 2, 1, 2, 2, 2, 3, 1, 1, 2, 1, 1, 1, 1, 1, 3, 2, 1, 1, 1, 1, 1, 1, 1, 1, 1, 2, 1, 4, 1, 0)	61
6469	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 1, 3, 4, 0)	15
6471	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 4, 1, 1, 3, 1, 1, 1, 1, 5, 5, 1, 2, 1, 4, 1, 3, 1, 2, 1, 1, 1, 2, 2, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 2, 2, 1, 1, 0)	61
6473	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 3, 2, 2, 2, 2, 2, 3, 1, 1, 2, 0)	44
6475	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 5, 2, 1, 0)	15
6477	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 3, 0)	15
6479	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 5, 3, 2, 1, 1, 2, 3, 1, 1, 1, 0)	44
6481	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 1, 4, 3, 2, 1, 1, 1, 1, 3, 2, 0)	61
6483	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 1, 4, 5, 1, 1, 1, 1, 1, 3, 1, 0)	61
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6493	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 4, 1, 3, 0)	49
6495	(4, 5, 1, 1, 3, 6, 3, 2, 1, 5, 1, 1, 1, 1, 0)	15
6497	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 6, 2, 2, 1, 3, 1, 2, 2, 1, 1, 2, 2, 0)	44

6499	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 2, 6, 1, 0)	49
6501	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 4, 1, 4, 0)	49
6503	(4, 3, 2, 1, 3, 7, 2, 1, 4, 1, 4, 3, 1, 1, 1, 1, 2, 1, 1, 0)	20
6505	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 8, 1, 1, 1, 2, 0)	49
6507	(4, 5, 1, 1, 5, 1, 4, 3, 2, 3, 1, 2, 2, 1, 0)	15
6509	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 1, 4, 2, 1, 3, 1, 2, 1, 1, 2, 3, 0)	25
6511	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 1, 4, 2, 1, 1, 6, 1, 2, 1, 1, 1, 0)	25
6513	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 6, 2, 0)	13
6515	(4, 5, 1, 1, 5, 3, 3, 2, 1, 1, 3, 2, 3, 1, 0)	15
6517	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 5, 0)	13
6519	(4, 5, 1, 1, 5, 3, 5, 1, 1, 1, 3, 3, 1, 1, 0)	15
6521	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 3, 1, 1, 1, 1, 1, 3, 1, 3, 3, 1, 1, 2, 2, 1, 1, 2, 4, 2, 2, 1, 1, 1, 1, 1, 2, 2, 1, 4, 1, 1, 1, 1, 1, 1, 2, 1, 2, 0)	66
6523	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 3, 3, 4, 1, 2, 1, 2, 4, 2, 1, 1, 1, 1, 1, 2, 1, 1, 1, 1, 1, 2, 1, 1, 4, 2, 2, 2, 1, 2, 1, 0)	73
6525	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 4, 3, 4, 1, 1, 1, 3, 0)	49
6527	(4, 3, 2, 1, 1, 4, 4, 1, 5, 3, 1, 1, 1, 5, 1, 2, 1, 5, 1, 1, 1, 1, 1, 1, 0)	25
6529	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 2, 2, 1, 3, 2, 1, 1, 4, 1, 2, 2, 2, 0)	61
6531	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 4, 2, 3, 4, 1, 0)	49
6533	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 4, 0)	49
6535	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 4, 6, 2, 1, 1, 0)	49
6537	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 1, 2, 3, 4, 2, 1, 1, 2, 2, 1, 1, 1, 3, 1, 2, 1, 1, 2, 0)	37
6539	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 4, 1, 1, 1, 4, 2, 2, 1, 1, 3, 2, 1, 0)	61

6541	(4, 3, 2, 1, 1, 4, 2, 2, 3, 1, 6, 3, 0)	13
6543	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 5, 3, 2, 3, 4, 1, 1, 1, 0)	49
6545	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 1, 4, 2, 3, 2, 0)	49
6547	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 1, 6, 1, 3, 1, 0)	49
6549	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 6, 0)	13
6551	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 3, 1, 6, 1, 1, 0)	49
6553	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 3, 3, 3, 1, 2, 0)	49
6555	(4, 3, 6, 4, 4, 3, 1, 1, 3, 1, 1, 1, 2, 1, 0)	15
6557	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 1, 1, 1, 1, 4, 2, 1, 1, 1, 3, 1, 1, 1, 2, 1, 3, 0)	37
6559	(4, 3, 8, 1, 4, 1, 5, 2, 1, 2, 1, 1, 1, 1, 0)	15
6561	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 2, 3, 4, 2, 2, 1, 2, 2, 1, 2, 2, 0)	25
6563	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 1, 2, 5, 1, 1, 1, 2, 1, 5, 1, 0)	25
6565	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 1, 2, 5, 1, 1, 3, 1, 1, 1, 4, 0)	25
6567	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 1, 2, 3, 2, 5, 2, 1, 2, 1, 1, 0)	25
6569	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 2, 2, 1, 1, 1, 1, 1, 2, 4, 1, 2, 2, 1, 3, 2, 3, 1, 1, 1, 1, 1, 2, 0)	78
6571	(4, 3, 2, 1, 7, 2, 2, 5, 1, 4, 1, 1, 1, 1, 1, 2, 2, 2, 1, 0)	20
6573	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 1, 3, 1, 2, 2, 1, 2, 2, 3, 0)	25
6575	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 1, 1, 4, 2, 4, 2, 1, 1, 1, 0)	25
6577	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 1, 2, 1, 3, 4, 2, 0)	49
6579	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 1, 2, 1, 5, 3, 1, 0)	49
6581	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 1, 2, 5, 0)	49
6583	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 4, 5, 3, 1, 3, 1, 1, 0)	49

6585	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 1, 2, 5, 2, 1, 2, 0)	49
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6599	(10, 1, 3, 3, 1, 2, 1, 4, 1, 1, 2, 1, 2, 1, 5, 1, 1, 3, 1, 1, 2, 1, 2, 1, 1, 2, 1, 2, 2, 2, 2, 1, 1, 0)	34
6601	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 2, 2, 1, 1, 1, 1, 2, 4, 1, 1, 2, 0)	25
6603	(4, 3, 2, 1, 1, 4, 2, 6, 2, 4, 2, 1, 0)	13
6605	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 3, 3, 2, 1, 2, 2, 3, 3, 0)	49
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6609	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 3, 3, 2, 1, 4, 1, 3, 2, 0)	49
6611	(4, 5, 1, 5, 2, 3, 1, 2, 4, 2, 1, 1, 3, 1, 0)	15
6613	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 7, 0)	32
6615	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 7, 1, 1, 1, 2, 1, 1, 2, 1, 1, 4, 1, 1, 0)	25
6617	(4, 3, 2, 1, 1, 4, 4, 1, 3, 6, 1, 2, 0)	13
6619	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 3, 5, 1, 5, 1, 1, 2, 1, 0)	49
6621	(4, 3, 2, 1, 1, 4, 4, 1, 5, 3, 1, 3, 0)	13
6623	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 3, 3, 4, 1, 2, 1, 2, 4, 2, 1, 1, 1, 1, 3, 1, 1, 1, 1, 0)	61
6625	(4, 3, 2, 1, 3, 1, 2, 4, 6, 1, 2, 2, 2, 1, 1, 3, 1, 1, 4, 1, 1, 1, 2, 2, 0)	25
6627	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 7, 1, 0)	32
6629	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 3, 1, 1, 2, 1, 4, 0)	25

6631	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 9, 1, 3, 1, 1, 2, 1, 1, 0)	49
6633	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 1, 4, 1, 1, 2, 2, 3, 3, 1, 2, 1, 1, 1, 2, 0)	25
6635	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 1, 2, 6, 2, 1, 1, 3, 1, 1, 1, 1, 2, 2, 1, 0)	25
6637	(4, 3, 2, 1, 1, 4, 4, 5, 2, 1, 2, 3, 0)	13
6639	(4, 3, 2, 1, 3, 1, 2, 6, 1, 8, 1, 1, 1, 1, 4, 2, 1, 2, 1, 1, 2, 1, 1, 1, 0)	25
6641	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 3, 1, 5, 2, 0)	32
6643	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 4, 1, 1, 1, 2, 1, 1, 1, 1, 2, 3, 1, 2, 3, 1, 0)	37
6645	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 5, 0)	49
6647	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 3, 2, 2, 6, 1, 3, 2, 1, 2, 3, 1, 1, 1, 1, 1, 3, 1, 1, 1, 2, 1, 2, 1, 1, 1, 2, 3, 1, 1, 0)	42
6649	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 5, 3, 2, 2, 2, 3, 3, 2, 1, 2, 1, 1, 1, 1, 1, 1, 2, 2, 1, 2, 1, 2, 0)	61
6651	(4, 3, 2, 1, 1, 4, 10, 1, 2, 1, 2, 1, 0)	13
6653	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 1, 1, 1, 3, 0)	25
6655	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 9, 2, 1, 1, 2, 3, 1, 4, 1, 1, 1, 4, 1, 2, 1, 1, 1, 1, 1, 1, 1, 1, 0)	61
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6659	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 5, 1, 1, 1, 3, 2, 4, 1, 0)	32
6661	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 2, 2, 1, 1, 1, 1, 2, 2, 4, 0)	66
6663	(8, 2, 5, 1, 1, 2, 3, 3, 3, 1, 1, 2, 1, 1, 2, 1, 2, 3, 2, 1, 1, 0)	22
6665	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 5, 1, 1, 5, 2, 1, 1, 2, 0)	32
6667	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 2, 2, 1, 1, 1, 1, 3, 3, 2, 1, 0)	66
6669	(4, 3, 2, 1, 7, 4, 3, 0)	8
6671	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 4, 1, 1, 1, 1, 1, 5, 1, 1, 1, 0)	66
6673	(4, 3, 2, 1, 9, 3, 2, 0)	8
6675	(10, 1, 1, 4, 2, 3, 1, 1, 1, 2, 2, 3, 1, 1, 2, 2, 2, 2, 1, 3, 1, 0)	22

6677	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 2, 6, 0)	49
6679	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 3, 1, 2, 2, 2, 5, 1, 1, 0)	32
6681	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 3, 1, 2, 4, 1, 3, 1, 2, 0)	32
6683	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 5, 2, 5, 1, 1, 1, 1, 2, 1, 0)	32
6685	(4, 3, 2, 1, 1, 6, 3, 2, 4, 2, 1, 3, 0)	13
6687	(4, 5, 7, 1, 2, 3, 1, 4, 2, 2, 1, 1, 1, 1, 0)	15
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6693	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 1, 1, 4, 0)	32
6695	(4, 3, 2, 1, 1, 6, 5, 5, 1, 2, 1, 1, 0)	13
6697	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 5, 4, 1, 2, 1, 1, 1, 1, 2, 0)	32
6699	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 6, 2, 2, 1, 0)	49
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6703	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 5, 3, 1, 2, 3, 1, 3, 1, 1, 2, 2, 1, 1, 1, 0)	32
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6707	(4, 3, 2, 1, 1, 10, 2, 1, 1, 3, 3, 1, 0)	13
6709	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 5, 0)	13
6711	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 6, 2, 2, 2, 2, 2, 1, 1, 1, 1, 3, 1, 1, 0)	32
6713	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 5, 2, 2, 2, 3, 1, 2, 2, 2, 1, 2, 0)	49
6715	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 3, 3, 4, 1, 2, 1, 0)	49
6717	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 4, 1, 1, 3, 0)	30
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6721	(4, 3, 2, 1, 3, 1, 2, 4, 4, 4, 2, 2, 0)	13
6723	(4, 3, 2, 1, 3, 1, 2, 4, 6, 1, 4, 1, 0)	13

6725	(4, 3, 2, 1, 3, 1, 2, 6, 1, 2, 3, 4, 0)	13
6727	(4, 9, 4, 2, 1, 1, 2, 1, 4, 1, 2, 2, 1, 1, 0)	15
6729	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 4, 1, 1, 5, 1, 3, 1, 1, 2, 0)	49
6731	(4, 3, 2, 1, 3, 1, 2, 6, 1, 6, 2, 1, 0)	13
6733	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 3, 3, 0)	13
6735	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 3, 1, 3, 2, 1, 1, 1, 3, 3, 3, 1, 1, 1, 0)	30
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6739	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 2, 2, 1, 4, 5, 1, 1, 2, 2, 1, 1, 1, 1, 1, 3, 1, 1, 1, 3, 1, 0)	66
6741	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 1, 8, 0)	13
6743	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 4, 1, 1, 0)	25
6745	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 4, 1, 1, 1, 4, 1, 2, 0)	25
6747	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 4, 1, 2, 3, 2, 1, 1, 1, 2, 2, 1, 3, 3, 2, 1, 2, 1, 1, 2, 1, 0)	66
6749	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 3, 0)	13
6751	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 5, 4, 2, 2, 1, 1, 2, 4, 1, 1, 1, 1, 0)	49
6753	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 4, 1, 4, 1, 4, 1, 1, 2, 2, 0)	25
6755	(8, 2, 5, 1, 1, 2, 1, 6, 1, 0)	10
6757	(8, 2, 5, 1, 1, 2, 3, 1, 4, 0)	10
6759	(4, 3, 2, 5, 4, 1, 2, 3, 1, 3, 3, 1, 4, 1, 1, 1, 2, 1, 1, 0)	20
6761	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 3, 5, 1, 3, 1, 1, 1, 1, 2, 1, 3, 1, 3, 1, 1, 1, 2, 0)	30
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6767	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 0)	54
6769	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 7, 2, 0)	13

6771	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 2, 2, 1, 1, 2, 1, 2, 3, 1, 4, 1, 1, 1, 1, 2, 2, 3, 1, 0)	66
6773	(10, 1, 1, 4, 2, 1, 2, 1, 5, 0)	10
6775	(4, 3, 2, 1, 3, 1, 4, 1, 8, 3, 1, 1, 0)	13
6777	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 1, 2, 1, 1, 2, 3, 4, 1, 1, 2, 1, 2, 0)	30
6779	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 1, 2, 1, 3, 1, 1, 2, 4, 2, 1, 2, 1, 0)	30
6781	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 4, 2, 3, 2, 4, 1, 2, 1, 1, 1, 2, 2, 3, 1, 2, 1, 1, 2, 1, 1, 1, 3, 0)	66
6783	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 4, 2, 3, 2, 4, 1, 2, 1, 1, 1, 2, 2, 1, 6, 1, 2, 1, 1, 1, 1, 1, 1, 0)	66
6785	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 3, 1, 1, 3, 2, 2, 1, 1, 1, 2, 2, 2, 0)	30
6787	(4, 3, 2, 1, 3, 1, 4, 3, 1, 5, 4, 1, 0)	13
6789	(10, 1, 3, 3, 1, 2, 1, 2, 4, 0)	10
6791	(10, 1, 3, 1, 4, 4, 2, 1, 1, 0)	10
6793	(4, 3, 2, 1, 3, 3, 3, 6, 1, 1, 1, 1, 1, 1, 3, 2, 1, 6, 1, 1, 2, 1, 1, 2, 0)	25
6795	(10, 1, 3, 3, 3, 1, 3, 2, 1, 0)	10
6797	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 5, 3, 0)	20
6799	(4, 3, 2, 1, 1, 4, 4, 5, 2, 1, 2, 3, 2, 1, 2, 1, 3, 2, 3, 1, 2, 2, 1, 1, 1, 2, 1, 1, 1, 2, 2, 1, 1, 3, 1, 1, 1, 4, 1, 1, 1, 0)	42
6801	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 1, 2, 3, 2, 0)	30
6803	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 3, 1, 0)	30
6805	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 6, 0)	20
6807	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 7, 1, 1, 0)	20
6809	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 2, 2, 1, 5, 1, 2, 1, 2, 3, 2, 1, 2, 2, 2, 3, 1, 1, 2, 1, 1, 1, 1, 1, 3, 2, 1, 1, 1, 1, 1, 1, 1, 1, 1, 2, 1, 2, 2, 1, 2, 3, 1, 2, 0)	66
6811	(4, 3, 6, 4, 4, 3, 1, 1, 3, 1, 1, 1, 2, 5, 1, 1, 2, 1, 1, 1, 2, 2, 2, 1, 1, 2, 1, 1, 1, 2, 1, 0)	32
6813	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 1, 5, 1, 2, 1, 2, 1, 3, 0)	20
6815	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 2, 2, 1, 5, 1, 2, 1, 2, 3, 2, 1, 2, 2, 2, 3, 1, 1, 2, 1, 1, 1, 1, 1, 3, 2, 1, 1, 1, 1, 1, 1, 1, 1, 3, 1, 5, 1, 1, 2, 1, 1, 1, 1, 0)	66
6817	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 3, 2, 2, 2, 2, 2, 3, 1, 1, 2, 1, 2, 1, 2, 2, 0)	49

6819	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 5, 3, 2, 1, 1, 2, 1, 2, 1, 1, 1, 1, 1, 5, 1, 0)	49
6821	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 5, 3, 2, 1, 1, 2, 3, 1, 1, 1, 1, 1, 1, 1, 4, 0)	49
6823	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 2, 5, 1, 4, 1, 6, 2, 1, 2, 2, 1, 2, 2, 1, 1, 1, 1, 2, 1, 1, 1, 2, 1, 2, 1, 2, 1, 1, 0)	42
6825	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 2, 5, 3, 3, 6, 1, 1, 2, 1, 1, 2, 2, 1, 1, 1, 3, 1, 3, 1, 1, 1, 1, 1, 1, 1, 1, 1, 2, 0)	42
6827	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 1, 4, 5, 1, 1, 1, 1, 1, 1, 2, 2, 2, 2, 2, 1, 0)	66
6829	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 2, 2, 1, 2, 2, 2, 2, 3, 0)	54
6831	(4, 3, 2, 1, 3, 1, 10, 3, 2, 1, 1, 1, 0)	13
6833	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 3, 2, 2, 4, 2, 0)	18
6835	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 3, 2, 4, 3, 1, 0)	18
6837	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 5, 0)	18
6839	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 4, 1, 3, 2, 1, 3, 1, 1, 0)	54
6841	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 5, 3, 2, 1, 2, 0)	18
6843	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 6, 2, 2, 1, 3, 1, 2, 2, 1, 1, 2, 2, 1, 3, 1, 2, 1, 0)	49
6845	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 4, 1, 2, 3, 2, 1, 1, 3, 0)	54
6847	(4, 5, 1, 1, 5, 1, 2, 4, 5, 1, 4, 1, 2, 2, 1, 1, 1, 1, 1, 0)	20
6849	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 4, 3, 2, 2, 0)	18
6851	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 5, 2, 1, 1, 4, 1, 0)	18
6853	(4, 3, 2, 5, 2, 4, 4, 0)	8
6855	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 1, 4, 2, 1, 3, 1, 2, 1, 1, 2, 1, 4, 2, 2, 1, 1, 0)	30
6857	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 3, 5, 1, 1, 2, 0)	18
6859	(4, 5, 1, 1, 5, 3, 3, 2, 1, 1, 3, 2, 1, 2, 1, 1, 4, 2, 1, 0)	20
6861	(4, 3, 2, 5, 4, 3, 3, 0)	8
6863	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 3, 1, 1, 1, 0)	42

6865	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 4, 3, 2, 2, 1, 1, 1, 3, 2, 1, 3, 2, 0)	54
6867	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 4, 3, 2, 2, 1, 1, 1, 5, 1, 1, 3, 1, 0)	54
6869	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 7, 0)	37
6871	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 4, 3, 4, 1, 1, 1, 1, 3, 1, 4, 1, 1, 0)	54
6873	(4, 3, 2, 7, 5, 1, 2, 0)	8
6875	(4, 3, 2, 1, 1, 4, 4, 1, 5, 3, 1, 1, 1, 5, 1, 2, 1, 5, 1, 1, 1, 1, 1, 1, 3, 1, 1, 2, 1, 0)	30
6877	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 2, 2, 1, 3, 1, 3, 0)	54
6879	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 4, 2, 3, 2, 4, 3, 1, 1, 1, 1, 0)	54
6881	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 3, 1, 1, 2, 1, 2, 2, 2, 1, 4, 1, 2, 1, 1, 2, 3, 2, 1, 1, 1, 1, 2, 2, 0)	42
6883	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 8, 1, 0)	37
6885	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 4, 0)	18
6887	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 1, 5, 1, 2, 1, 2, 1, 1, 3, 3, 2, 1, 1, 3, 1, 1, 6, 3, 1, 2, 1, 2, 4, 2, 1, 1, 1, 1, 2, 1, 2, 1, 1, 1, 2, 1, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 2, 1, 1, 0)	61
6889	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 4, 1, 1, 1, 4, 4, 1, 1, 1, 3, 1, 2, 2, 1, 1, 1, 2, 0)	66
6891	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 5, 3, 2, 3, 2, 2, 1, 3, 1, 1, 2, 2, 1, 0)	54
6893	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 4, 1, 3, 1, 2, 3, 0)	18
6895	(4, 3, 2, 1, 1, 4, 4, 5, 2, 1, 2, 3, 2, 1, 2, 1, 3, 2, 3, 1, 2, 2, 1, 1, 1, 2, 1, 1, 1, 0)	30
6897	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 5, 2, 0)	37
6899	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 3, 1, 6, 1, 1, 1, 1, 2, 3, 1, 0)	54
6901	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 5, 0)	13
6903	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 3, 3, 2, 2, 3, 1, 1, 0)	18
6905	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 1, 1, 1, 1, 4, 2, 1, 1, 1, 3, 1, 1, 1, 2, 1, 1, 4, 1, 2, 1, 2, 0)	42
6907	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 1, 1, 1, 1, 4, 2, 1, 1, 1, 1, 2, 1, 5, 1, 2, 1, 1, 2, 1, 2, 1, 0)	42

6909	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 3, 0)	18
6911	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 2, 2, 1, 5, 1, 2, 1, 2, 3, 2, 1, 2, 2, 2, 3, 1, 1, 2, 1, 1, 1, 1, 1, 3, 2, 1, 1, 1, 1, 1, 1, 1, 0)	54
6913	(4, 3, 2, 1, 3, 3, 5, 1, 4, 2, 2, 2, 0)	13
6915	(4, 3, 2, 1, 3, 3, 5, 3, 1, 2, 4, 1, 0)	13
6917	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 3, 2, 4, 0)	37
6919	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 2, 2, 1, 1, 1, 1, 1, 2, 4, 1, 2, 2, 1, 3, 2, 3, 1, 1, 1, 1, 1, 2, 1, 3, 2, 1, 1, 0)	83
6921	(4, 3, 2, 1, 7, 2, 2, 5, 1, 4, 1, 1, 1, 1, 1, 2, 2, 2, 1, 2, 2, 1, 1, 2, 0)	25
6923	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 1, 3, 1, 2, 2, 1, 4, 1, 1, 1, 2, 3, 2, 1, 0)	30
6925	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 1, 4, 3, 0)	54
6927	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 9, 1, 1, 1, 0)	37
6929	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 3, 3, 2, 0)	54
6931	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 1, 2, 5, 1, 2, 1, 3, 1, 0)	54
6933	(4, 5, 1, 1, 3, 4, 6, 0)	8
6935	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 3, 1, 1, 5, 1, 1, 0)	54
6937	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 4, 3, 3, 1, 1, 1, 3, 1, 1, 2, 3, 1, 2, 1, 1, 1, 3, 1, 2, 0)	66
6939	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 9, 1, 4, 1, 1, 1, 2, 1, 1, 1, 1, 1, 1, 2, 1, 0)	30
6941	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 6, 2, 2, 1, 3, 0)	37
6943	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 2, 2, 1, 1, 2, 1, 2, 3, 1, 4, 1, 1, 1, 3, 3, 4, 3, 1, 1, 1, 1, 1, 3, 1, 1, 2, 2, 1, 2, 2, 1, 2, 1, 2, 1, 1, 2, 1, 1, 1, 1, 3, 2, 1, 1, 1, 1, 0)	95
6945	(4, 3, 2, 1, 3, 7, 2, 1, 4, 1, 2, 2, 0)	13
6947	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 3, 1, 3, 2, 5, 1, 0)	37
6949	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 3, 1, 5, 1, 1, 4, 0)	37
6951	(10, 1, 3, 3, 1, 2, 1, 4, 1, 1, 2, 1, 2, 1, 5, 1, 1, 3, 1, 1, 2, 1, 2, 1, 1, 2, 1, 2, 2, 2, 2, 1, 1, 3, 1, 2, 1, 1, 0)	39

6953	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 2, 2, 1, 1, 1, 1, 2, 4, 1, 1, 4, 1, 1, 1, 1, 2, 0)	30
6955	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 3, 3, 2, 1, 2, 2, 3, 1, 2, 3, 2, 2, 1, 0)	54
6957	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 1, 4, 2, 3, 0)	18
6959	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 1, 3, 2, 2, 3, 2, 2, 2, 1, 1, 2, 1, 3, 2, 2, 1, 1, 1, 0)	30
6961	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 3, 1, 4, 2, 0)	18
6963	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 3, 3, 3, 1, 0)	18
6965	(4, 5, 1, 1, 5, 3, 5, 0)	8
6967	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 7, 1, 1, 1, 2, 1, 1, 2, 1, 1, 2, 2, 3, 1, 1, 3, 1, 1, 0)	30
6969	(4, 3, 2, 1, 1, 4, 4, 1, 3, 6, 1, 2, 1, 2, 2, 1, 2, 0)	18
6971	(4, 3, 2, 1, 1, 4, 4, 1, 5, 3, 1, 1, 1, 5, 1, 2, 1, 0)	18
6973	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 3, 3, 4, 1, 2, 1, 2, 4, 2, 1, 1, 1, 1, 1, 2, 1, 1, 1, 1, 3, 1, 1, 3, 0)	66
6975	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 4, 1, 1, 1, 3, 2, 1, 2, 2, 1, 1, 3, 3, 1, 2, 3, 1, 1, 1, 1, 1, 0)	47
6977	(4, 5, 1, 1, 9, 2, 2, 0)	8
6979	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 3, 1, 1, 2, 1, 2, 2, 2, 1, 4, 1, 0)	30
6981	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 2, 2, 1, 3, 4, 0)	54
6983	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 1, 2, 3, 4, 2, 1, 1, 2, 2, 1, 1, 0)	30
6985	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 3, 1, 1, 3, 4, 3, 1, 1, 2, 0)	37
6987	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 2, 2, 5, 2, 1, 0)	54
6989	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 4, 1, 1, 3, 3, 0)	54
6991	(4, 3, 2, 1, 1, 4, 4, 5, 2, 1, 2, 3, 2, 3, 1, 1, 1, 0)	18
6993	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 3, 1, 5, 2, 1, 1, 1, 3, 2, 0)	37
6995	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 3, 1, 7, 1, 1, 1, 1, 3, 1, 0)	37
6997	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 9, 0)	42
6999	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 3, 2, 2, 6, 1, 3, 2, 1, 2, 3, 1, 1, 1, 1, 1, 3, 1, 1, 1, 2, 1, 2, 1, 1, 1, 2, 1, 2, 1, 1, 2, 4, 1, 1, 0)	47
7001	(4, 3, 6, 4, 4, 1, 2, 0)	8

7003	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 5, 2, 2, 1, 1, 2, 1, 0)	54
7005	(4, 3, 8, 1, 4, 1, 3, 0)	8
7007	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 1, 1, 1, 1, 6, 1, 1, 1, 1, 0)	30
7009	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 9, 2, 1, 1, 2, 3, 1, 4, 1, 1, 1, 4, 1, 2, 1, 1, 1, 1, 1, 1, 1, 1, 2, 1, 1, 2, 2, 0)	66
7011	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 2, 3, 6, 1, 0)	18
7013	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 2, 5, 1, 4, 0)	18
7015	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 1, 2, 1, 1, 1, 2, 1, 4, 1, 2, 3, 5, 1, 1, 1, 1, 1, 2, 1, 1, 0)	66
7017	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 2, 2, 1, 1, 1, 1, 1, 2, 4, 1, 4, 1, 1, 1, 2, 0)	71
7019	(4, 3, 2, 1, 7, 2, 2, 5, 1, 2, 2, 1, 0)	13
7021	(4, 3, 2, 1, 7, 4, 1, 3, 1, 1, 2, 3, 0)	13
7023	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 2, 2, 1, 1, 1, 1, 3, 3, 2, 3, 1, 2, 1, 1, 1, 0)	71
7025	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 1, 6, 2, 0)	18
7027	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 6, 2, 3, 1, 0)	18
7029	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 1, 5, 0)	18
7031	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 2, 4, 2, 3, 3, 1, 1, 0)	54
7033	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 1, 4, 2, 2, 4, 2, 2, 1, 1, 1, 2, 1, 2, 0)	37
7035	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 3, 1, 2, 2, 2, 5, 1, 1, 2, 2, 1, 2, 1, 0)	37
7037	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 4, 3, 3, 1, 1, 1, 3, 0)	54
7039	(10, 1, 1, 4, 2, 3, 1, 1, 1, 4, 1, 3, 2, 2, 1, 3, 3, 1, 1, 3, 1, 1, 1, 1, 1, 1, 0)	27
7041	(4, 3, 2, 1, 1, 6, 3, 2, 6, 1, 1, 1, 2, 1, 2, 2, 2, 0)	18
7043	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 1, 1, 2, 1, 1, 3, 4, 1, 0)	37
7045	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 1, 3, 1, 1, 1, 1, 2, 4, 0)	37
7047	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 1, 1, 2, 1, 5, 2, 1, 1, 0)	37
7049	(10, 1, 3, 3, 1, 2, 1, 4, 1, 1, 2, 1, 2, 1, 5, 1, 1, 3, 1, 1, 2, 1, 2, 1, 1, 2, 0)	27

7051	(4, 3, 2, 1, 1, 6, 5, 5, 1, 2, 1, 1, 1, 1, 3, 2, 1, 0)	18
7053	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 8, 3, 0)	42
7055	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 0)	18
7057	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 1, 3, 2, 2, 3, 2, 0)	18
7059	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 1, 3, 4, 1, 3, 1, 0)	18
7061	(4, 5, 1, 5, 2, 1, 6, 0)	8
7063	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 2, 2, 1, 1, 1, 2, 6, 1, 1, 0)	35
7065	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 2, 2, 1, 1, 1, 4, 3, 1, 2, 0)	35
7067	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 7, 1, 1, 1, 2, 1, 0)	18
7069	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 5, 2, 2, 2, 3, 1, 2, 2, 2, 1, 2, 1, 1, 2, 1, 3, 0)	54
7071	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 11, 1, 2, 1, 1, 1, 1, 0)	18
7073	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 4, 1, 1, 1, 3, 2, 1, 2, 2, 0)	35
7075	(4, 5, 1, 7, 1, 5, 1, 0)	8
7077	(4, 3, 2, 1, 3, 1, 2, 4, 6, 1, 2, 2, 2, 1, 1, 1, 4, 0)	18
7079	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 2, 6, 1, 2, 1, 1, 2, 2, 2, 2, 1, 2, 1, 1, 0)	35
7081	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 3, 1, 1, 3, 2, 3, 2, 1, 1, 1, 1, 1, 2, 0)	35
7083	(4, 3, 2, 1, 3, 1, 2, 6, 1, 2, 3, 4, 1, 2, 2, 2, 1, 0)	18
7085	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 1, 4, 1, 1, 2, 2, 3, 0)	18
7087	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 1, 2, 6, 2, 1, 1, 1, 0)	18
7089	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 1, 4, 4, 2, 0)	18
7091	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 1, 6, 3, 1, 0)	18
7093	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 5, 0)	18
7095	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 1, 4, 6, 1, 3, 1, 1, 0)	18
7097	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 1, 6, 1, 4, 2, 1, 2, 0)	18
7099	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 1, 6, 3, 3, 1, 2, 1, 0)	18
7101	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 4, 1, 1, 1, 2, 1, 1, 3, 0)	30
7103	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 5, 3, 2, 2, 2, 3, 3, 2, 1, 2, 1, 1, 1, 1, 1, 0)	54
7105	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 1, 3, 2, 2, 0)	18
7107	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 3, 1, 1, 1, 4, 1, 0)	18

7109	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 4, 0)	42
7111	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 5, 4, 2, 2, 1, 1, 2, 4, 1, 1, 1, 1, 2, 2, 2, 1, 1, 0)	54
7113	(8, 2, 5, 1, 1, 2, 1, 4, 2, 1, 4, 1, 1, 2, 0)	15
7115	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 3, 1, 3, 4, 2, 1, 0)	18
7117	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 1, 2, 1, 1, 1, 2, 3, 3, 0)	54
7119	(8, 2, 5, 1, 1, 2, 3, 3, 3, 1, 3, 1, 1, 1, 0)	15
7121	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 1, 2, 1, 1, 3, 1, 3, 2, 0)	54
7123	(8, 2, 3, 6, 2, 1, 2, 2, 1, 2, 1, 1, 3, 1, 0)	15
7125	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 7, 0)	25
7127	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 4, 1, 1, 0)	59
7129	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 9, 1, 2, 0)	42
7131	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 2, 2, 1, 1, 2, 1, 2, 3, 1, 4, 1, 1, 1, 1, 2, 2, 1, 2, 4, 1, 1, 2, 1, 0)	71
7133	(10, 1, 1, 4, 2, 3, 1, 1, 1, 2, 2, 3, 1, 3, 0)	15
7135	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 4, 3, 2, 2, 1, 1, 1, 5, 1, 1, 3, 3, 2, 2, 1, 1, 2, 1, 2, 1, 1, 2, 2, 1, 3, 1, 1, 1, 1, 0)	71
7137	(10, 1, 1, 4, 2, 1, 2, 5, 2, 1, 1, 1, 2, 2, 0)	15
7139	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 7, 1, 0)	25
7141	(4, 5, 7, 1, 2, 1, 4, 0)	8
7143	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 4, 2, 3, 2, 4, 1, 2, 1, 1, 1, 2, 2, 3, 1, 2, 1, 1, 2, 1, 1, 1, 5, 1, 1, 2, 1, 1, 0)	71
7145	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 4, 2, 3, 2, 4, 1, 2, 1, 1, 1, 2, 2, 1, 6, 3, 1, 1, 1, 1, 1, 1, 1, 2, 1, 1, 1, 2, 0)	71
7147	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 3, 1, 1, 3, 2, 2, 1, 1, 1, 2, 4, 1, 1, 1, 2, 2, 1, 0)	35
7149	(10, 1, 3, 3, 1, 2, 1, 4, 1, 1, 2, 1, 2, 3, 0)	15
7151	(4, 3, 2, 1, 1, 4, 2, 2, 3, 1, 4, 2, 4, 4, 1, 1, 2, 1, 1, 1, 1, 4, 1, 2, 2, 2, 1, 3, 1, 1, 2, 1, 1, 1, 0)	35
7153	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 5, 2, 0)	25

7155	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 3, 1, 0)	25
7157	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 1, 2, 1, 1, 1, 1, 5, 0)	35
7159	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 5, 3, 1, 2, 3, 1, 1, 0)	25
7161	(4, 3, 2, 1, 1, 4, 4, 5, 2, 1, 2, 3, 2, 1, 2, 1, 3, 2, 3, 1, 2, 2, 1, 1, 1, 2, 1, 1, 1, 2, 2, 1, 1, 3, 1, 1, 1, 4, 1, 1, 1, 2, 1, 2, 1, 2, 0)	47
7163	(4, 3, 2, 1, 3, 1, 4, 3, 7, 1, 2, 2, 1, 2, 1, 2, 1, 0)	18
7165	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 1, 2, 1, 5, 3, 1, 2, 1, 1, 1, 1, 1, 1, 3, 0)	35
7167	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 1, 6, 1, 3, 1, 2, 5, 2, 1, 1, 3, 2, 2, 3, 1, 1, 1, 2, 1, 1, 1, 1, 1, 1, 1, 1, 1, 0)	71
7169	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 3, 1, 3, 2, 2, 2, 2, 0)	25
7171	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 1, 5, 1, 2, 1, 2, 1, 1, 1, 2, 2, 4, 1, 0)	25
7173	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 5, 2, 2, 4, 0)	42
7175	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 1, 5, 1, 2, 1, 2, 1, 1, 3, 3, 2, 1, 1, 0)	25
7177	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 1, 5, 1, 2, 3, 1, 1, 1, 3, 2, 1, 1, 2, 0)	25
7179	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 7, 3, 2, 1, 0)	42
7181	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 3, 0)	23
7183	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 5, 3, 2, 1, 1, 2, 3, 1, 1, 1, 1, 1, 1, 1, 2, 2, 5, 1, 1, 1, 0)	54
7185	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 4, 3, 2, 0)	23
7187	(4, 9, 4, 2, 1, 3, 1, 0)	8
7189	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 6, 0)	42
7191	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 3, 5, 1, 1, 0)	23
7193	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 2, 2, 1, 2, 2, 4, 1, 1, 2, 1, 3, 1, 2, 0)	59
7195	(4, 3, 2, 1, 7, 4, 1, 1, 2, 3, 4, 2, 2, 4, 1, 2, 1, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 1, 1, 3, 2, 1, 3, 1, 2, 1, 1, 1, 1, 2, 1, 0)	42
7197	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 3, 1, 3, 2, 1, 3, 0)	23
7199	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 2, 2, 1, 4, 5, 1, 1, 2, 2, 1, 1, 1, 1, 0)	59
7201	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 4, 1, 3, 2, 1, 1, 2, 1, 1, 3, 1, 2, 2, 0)	59
7203	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 5, 5, 1, 0)	42

7205	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 4, 1, 2, 3, 2, 1, 1, 1, 2, 2, 1, 1, 4, 0)	59
7207	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 4, 1, 3, 4, 1, 2, 1, 1, 0)	23
7209	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 4, 5, 2, 1, 1, 1, 1, 2, 0)	23
7211	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 5, 4, 2, 2, 1, 0)	42
7213	(4, 3, 2, 5, 4, 1, 2, 1, 2, 3, 2, 3, 0)	13
7215	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 4, 3, 4, 1, 2, 2, 1, 1, 1, 0)	23
7217	(4, 3, 2, 5, 4, 1, 2, 3, 1, 1, 4, 2, 0)	13
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7225	(4, 3, 2, 5, 4, 3, 1, 3, 2, 2, 1, 2, 0)	13
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7229	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 0)	42
7231	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 5, 2, 2, 1, 2, 4, 1, 1, 1, 1, 1, 0)	23
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7237	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 3, 3, 4, 0)	18
7239	(4, 3, 2, 7, 3, 4, 2, 1, 2, 2, 1, 1, 0)	13
7241	(4, 3, 2, 1, 1, 4, 4, 1, 5, 3, 1, 1, 1, 5, 1, 2, 1, 5, 1, 1, 1, 1, 1, 1, 3, 1, 1, 2, 1, 1, 3, 1, 1, 2, 0)	35
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7245	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 1, 2, 1, 3, 3, 0)	23
7247	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 7, 3, 1, 1, 1, 0)	42
7249	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 3, 1, 1, 3, 2, 0)	23
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7255	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 5, 4, 1, 1, 0)	18
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7259	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 5, 3, 2, 3, 2, 2, 1, 3, 1, 1, 4, 1, 1, 2, 1, 1, 2, 1, 0)	59
7261	(4, 3, 2, 1, 3, 3, 3, 6, 1, 1, 1, 1, 1, 1, 5, 1, 3, 0)	18
7263	(4, 3, 2, 1, 1, 4, 4, 5, 2, 1, 2, 3, 2, 1, 2, 1, 3, 2, 3, 1, 2, 2, 1, 1, 1, 2, 1, 1, 1, 4, 1, 1, 1, 1, 0)	35
7265	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 3, 1, 6, 1, 1, 1, 1, 2, 1, 2, 3, 1, 1, 2, 2, 0)	59
7267	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 1, 6, 1, 0)	23
7269	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 1, 4, 0)	23
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7273	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 1, 1, 1, 1, 4, 2, 1, 1, 1, 3, 1, 1, 1, 2, 1, 1, 4, 1, 2, 1, 2, 3, 1, 1, 1, 2, 0)	47
7275	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 1, 1, 1, 1, 4, 2, 1, 1, 1, 1, 2, 1, 5, 1, 2, 1, 1, 2, 1, 2, 1, 2, 1, 2, 2, 1, 0)	47
7277	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 2, 2, 1, 5, 1, 2, 1, 2, 3, 2, 1, 2, 2, 2, 3, 1, 1, 2, 1, 1, 1, 1, 1, 3, 2, 1, 1, 1, 1, 1, 1, 1, 1, 1, 2, 3, 0)	59
7279	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 3, 2, 2, 6, 1, 3, 2, 1, 2, 1, 2, 1, 1, 1, 1, 5, 3, 1, 3, 1, 1, 1, 1, 1, 5, 1, 1, 2, 2, 2, 1, 2, 1, 1, 2, 1, 1, 1, 1, 1, 1, 2, 1, 2, 1, 2, 1, 2, 1, 1, 1, 0)	64
7281	(14, 2, 0)	3
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7285	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 5, 0)	13
7287	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 1, 2, 2, 2, 4, 3, 1, 1, 0)	59
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7291	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 1, 2, 4, 3, 2, 1, 2, 1, 0)	59
7293	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 1, 4, 3, 2, 1, 1, 1, 3, 0)	59
7295	(4, 3, 2, 1, 7, 4, 1, 1, 2, 3, 4, 2, 2, 4, 1, 2, 1, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 1, 1, 0)	30
7297	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 3, 3, 2, 1, 1, 2, 2, 2, 0)	59
7299	(4, 5, 1, 1, 5, 1, 2, 2, 2, 4, 4, 1, 0)	13
7301	(4, 5, 1, 1, 5, 1, 2, 2, 4, 1, 2, 4, 0)	13

7303	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 3, 1, 1, 3, 2, 1, 1, 4, 2, 1, 1, 0)	59
7305	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 2, 4, 2, 3, 3, 1, 1, 3, 3, 3, 1, 1, 1, 1, 2, 2, 1, 1, 1, 1, 2, 1, 1, 2, 0)	71
7307	(4, 5, 1, 1, 3, 6, 3, 2, 1, 3, 2, 1, 0)	13
7309	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 5, 3, 0)	47
7311	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 6, 2, 2, 1, 3, 1, 4, 1, 1, 1, 0)	42
7313	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 3, 1, 3, 2, 3, 2, 1, 1, 2, 3, 2, 0)	42
7315	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 3, 1, 3, 2, 3, 2, 1, 3, 1, 3, 1, 0)	42
7317	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 6, 0)	47
7319	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 8, 1, 1, 0)	47
7321	(4, 5, 1, 1, 5, 1, 4, 3, 2, 3, 1, 2, 0)	13
7323	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 7, 3, 2, 1, 1, 1, 1, 1, 2, 1, 2, 2, 1, 1, 1, 2, 1, 0)	59
7325	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 1, 4, 2, 1, 3, 1, 2, 1, 3, 0)	23
7327	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 2, 2, 1, 1, 1, 1, 4, 3, 2, 2, 1, 3, 2, 1, 1, 1, 2, 1, 1, 1, 1, 0)	35
7329	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 1, 3, 2, 2, 3, 2, 2, 2, 1, 1, 2, 1, 3, 2, 2, 1, 1, 1, 1, 2, 1, 2, 2, 0)	35
7331	(4, 5, 1, 1, 5, 3, 3, 2, 1, 1, 5, 1, 0)	13
7333	(4, 5, 1, 1, 5, 3, 5, 1, 1, 1, 1, 4, 0)	13
7335	(4, 5, 1, 5, 2, 1, 4, 4, 1, 3, 3, 1, 3, 1, 1, 1, 2, 1, 1, 2, 1, 2, 1, 1, 0)	25
7337	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 3, 1, 1, 1, 1, 1, 3, 1, 3, 3, 1, 1, 2, 2, 1, 1, 2, 4, 2, 2, 1, 1, 1, 1, 1, 2, 2, 1, 4, 1, 1, 1, 1, 1, 1, 2, 0)	64
7339	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 3, 3, 4, 1, 2, 1, 2, 4, 2, 1, 1, 1, 1, 1, 2, 1, 1, 1, 1, 1, 2, 1, 1, 4, 2, 2, 2, 1, 0)	71
7341	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 4, 3, 2, 2, 3, 0)	47
7343	(4, 3, 2, 1, 1, 4, 4, 1, 5, 3, 1, 1, 1, 5, 1, 2, 1, 3, 2, 1, 1, 1, 0)	23
7345	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 2, 2, 1, 3, 2, 1, 1, 2, 4, 2, 0)	59
7347	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 2, 2, 1, 3, 2, 1, 1, 4, 3, 1, 0)	59
7349	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 4, 2, 5, 0)	47

7351	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 3, 1, 1, 2, 1, 2, 2, 2, 1, 4, 1, 2, 1, 3, 1, 1, 0)	35
7353	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 2, 2, 1, 5, 1, 1, 3, 2, 1, 2, 0)	59
7355	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 1, 2, 3, 4, 2, 1, 1, 2, 2, 1, 1, 1, 3, 1, 2, 1, 0)	35
7357	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 4, 1, 1, 1, 4, 2, 2, 1, 1, 3, 0)	59
7359	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 3, 1, 1, 3, 2, 5, 1, 1, 1, 1, 1, 3, 2, 3, 1, 2, 1, 1, 1, 1, 2, 1, 1, 3, 2, 1, 1, 1, 1, 0)	52
7361	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 5, 3, 2, 3, 2, 2, 0)	47
7363	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 5, 5, 1, 1, 4, 1, 0)	47
7365	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 1, 4, 4, 0)	47
7367	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 3, 1, 7, 1, 1, 1, 1, 1, 2, 3, 2, 2, 1, 1, 0)	42
7369	(4, 3, 8, 1, 2, 2, 1, 1, 6, 1, 1, 2, 0)	13
7371	(4, 3, 8, 1, 2, 2, 1, 3, 1, 4, 2, 1, 0)	13
7373	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 3, 3, 3, 0)	47
7375	(4, 3, 6, 4, 4, 3, 1, 1, 3, 1, 1, 1, 0)	13
7377	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 1, 1, 1, 1, 4, 2, 1, 1, 1, 1, 2, 1, 3, 2, 0)	35
7379	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 1, 1, 1, 1, 4, 2, 1, 1, 1, 3, 1, 1, 3, 1, 0)	35
7381	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 0)	11
7383	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 2, 3, 4, 2, 2, 1, 4, 1, 1, 0)	23
7385	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 1, 2, 3, 2, 1, 5, 1, 2, 0)	23
7387	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 2, 5, 1, 4, 3, 1, 1, 2, 1, 0)	23
7389	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 1, 2, 5, 1, 1, 3, 1, 3, 0)	23
7391	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 2, 2, 1, 1, 1, 1, 1, 2, 4, 1, 2, 2, 1, 3, 2, 3, 1, 1, 1, 1, 0)	76
7393	(4, 3, 2, 1, 7, 2, 2, 5, 1, 4, 1, 1, 1, 1, 1, 2, 2, 0)	18
7395	(4, 3, 2, 1, 1, 4, 2, 2, 9, 1, 0)	11
7397	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 1, 3, 1, 2, 2, 1, 4, 0)	23
7399	(8, 2, 3, 6, 2, 1, 2, 2, 1, 2, 1, 1, 3, 1, 2, 1, 2, 1, 3, 1, 2, 1, 1, 3, 2, 2, 1, 1, 2, 1, 1, 0)	32
7401	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 6, 2, 1, 4, 2, 1, 1, 1, 2, 0)	23

7403	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 3, 1, 1, 5, 2, 1, 1, 1, 1, 1, 1, 1, 4, 2, 2, 2, 1, 1, 1, 2, 1, 1, 2, 2, 1, 0)	71
7405	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 4, 5, 1, 2, 3, 0)	47
7407	(4, 3, 2, 1, 15, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 1, 1, 0)	18
7409	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 1, 2, 5, 2, 0)	47
7411	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 4, 3, 3, 1, 1, 1, 3, 1, 1, 2, 3, 1, 0)	59
7413	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 5, 0)	47
7415	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 8, 2, 3, 1, 1, 0)	47
7417	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 1, 1, 2, 1, 1, 3, 2, 2, 3, 1, 2, 1, 2, 0)	42
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7421	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 1, 3, 1, 1, 1, 1, 4, 3, 1, 1, 1, 1, 3, 0)	42
7423	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 4, 2, 3, 2, 4, 1, 2, 1, 1, 1, 2, 2, 3, 1, 2, 1, 1, 2, 1, 1, 1, 5, 1, 3, 1, 1, 1, 2, 3, 2, 2, 1, 3, 1, 1, 1, 3, 1, 1, 1, 1, 1, 1, 1, 0)	88
7425	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 8, 1, 1, 3, 2, 2, 2, 0)	47
7427	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 2, 2, 1, 1, 1, 1, 2, 4, 1, 0)	23
7429	(4, 3, 2, 1, 1, 4, 2, 6, 2, 4, 0)	11
7431	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 3, 2, 1, 1, 0)	23
7433	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 1, 3, 2, 2, 3, 2, 2, 2, 1, 1, 2, 0)	23
7435	(4, 5, 1, 5, 2, 1, 4, 2, 2, 3, 2, 1, 0)	13
7437	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 3, 3, 2, 1, 4, 3, 0)	47
7439	(4, 5, 1, 5, 2, 3, 1, 2, 6, 1, 1, 1, 0)	13
7441	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 3, 3, 2, 3, 3, 2, 0)	47
7443	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 7, 1, 1, 1, 2, 1, 1, 2, 1, 3, 1, 0)	23
7445	(4, 3, 2, 1, 1, 4, 4, 1, 3, 6, 0)	11
7447	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 3, 5, 1, 5, 1, 1, 0)	47
7449	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 4, 1, 1, 1, 3, 2, 1, 2, 2, 1, 1, 3, 1, 2, 0)	40
7451	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 3, 3, 4, 1, 2, 1, 2, 4, 2, 1, 1, 1, 1, 1, 2, 1, 0)	59
7453	(4, 3, 2, 1, 3, 1, 2, 4, 6, 1, 2, 2, 2, 1, 1, 3, 1, 1, 2, 2, 1, 3, 0)	23
7455	(4, 3, 2, 1, 3, 1, 2, 4, 6, 1, 2, 2, 2, 1, 1, 1, 6, 2, 1, 1, 1, 1, 0)	23

7457	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 1, 6, 1, 2, 2, 0)	23
7459	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 1, 2, 5, 1, 0)	23
7461	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 3, 1, 1, 4, 0)	23
7463	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 1, 4, 1, 1, 2, 2, 3, 3, 1, 2, 1, 1, 0)	23
7465	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 1, 2, 6, 2, 1, 1, 3, 1, 1, 1, 1, 2, 0)	23
7467	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 1, 6, 1, 2, 1, 3, 2, 2, 1, 0)	23
7469	(4, 3, 2, 1, 1, 4, 4, 5, 2, 3, 0)	11
7471	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 3, 3, 4, 1, 1, 1, 2, 2, 2, 1, 1, 1, 0)	23
7473	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 4, 1, 1, 1, 2, 1, 1, 1, 1, 2, 1, 4, 2, 0)	35
7475	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 4, 1, 1, 1, 2, 1, 1, 1, 1, 2, 3, 3, 1, 0)	35
7477	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 3, 5, 0)	30
7479	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 3, 2, 2, 6, 1, 3, 2, 1, 2, 3, 1, 1, 1, 1, 1, 3, 1, 1, 1, 2, 1, 2, 1, 1, 3, 1, 1, 0)	40
7481	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 5, 3, 2, 2, 2, 3, 3, 2, 1, 2, 1, 1, 1, 1, 1, 1, 2, 2, 1, 2, 0)	59
7483	(4, 3, 2, 1, 1, 4, 10, 1, 2, 1, 0)	11
7485	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 3, 1, 1, 3, 0)	47
7487	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 3, 1, 1, 1, 1, 1, 0)	23
7489	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 5, 2, 2, 0)	30
7491	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 1, 2, 1, 1, 1, 2, 1, 4, 1, 2, 1, 4, 1, 0)	59
7493	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 5, 1, 1, 1, 3, 4, 0)	30
7495	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 3, 1, 3, 6, 1, 1, 1, 2, 2, 1, 1, 0)	23
7497	(8, 2, 5, 1, 1, 2, 3, 3, 3, 1, 1, 2, 1, 1, 2, 3, 1, 1, 2, 0)	20
7499	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 5, 1, 1, 5, 2, 1, 0)	30
7501	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 2, 2, 1, 1, 1, 1, 3, 3, 0)	64
7503	(8, 2, 3, 6, 2, 1, 2, 2, 1, 2, 1, 1, 3, 1, 2, 3, 1, 1, 1, 0)	20
7505	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 4, 1, 1, 1, 1, 1, 3, 2, 0)	64
7507	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 3, 1, 1, 5, 2, 1, 1, 1, 1, 1, 1, 3, 1, 0)	59

7509	(4, 3, 2, 1, 11, 0)	6
7511	(10, 1, 1, 4, 2, 3, 1, 1, 1, 2, 2, 3, 1, 1, 2, 2, 4, 1, 1, 0)	20
7513	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 1, 4, 2, 4, 1, 2, 0)	30
7515	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 4, 3, 2, 2, 1, 1, 1, 5, 1, 1, 3, 3, 2, 2, 1, 1, 2, 1, 2, 1, 1, 2, 2, 1, 1, 2, 1, 1, 3, 2, 1, 1, 2, 1, 0)	76
7517	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 3, 1, 2, 4, 1, 3, 0)	30
7519	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 5, 2, 5, 1, 1, 1, 1, 0)	30
7521	(4, 5, 7, 1, 2, 1, 4, 2, 1, 1, 2, 2, 0)	13
7523	(4, 3, 2, 1, 1, 6, 3, 2, 6, 1, 0)	11
7525	(4, 3, 2, 1, 1, 6, 3, 4, 1, 4, 0)	11
7527	(4, 5, 1, 5, 2, 3, 3, 5, 1, 2, 1, 3, 3, 2, 2, 1, 2, 1, 1, 1, 1, 2, 1, 2, 3, 1, 1, 1, 1, 2, 2, 2, 2, 1, 1, 3, 1, 1, 2, 1, 2, 1, 2, 2, 1, 2, 1, 1, 1, 1, 2, 1, 1, 0)	54
7529	(10, 1, 3, 3, 1, 2, 1, 4, 1, 1, 2, 1, 2, 1, 5, 1, 1, 1, 2, 0)	20
7531	(10, 1, 3, 3, 1, 2, 1, 4, 1, 1, 2, 3, 1, 1, 3, 1, 2, 2, 1, 0)	20
7533	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 3, 0)	30
7535	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 5, 4, 1, 2, 1, 1, 1, 0)	30
7537	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 6, 2, 0)	47
7539	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 3, 1, 1, 1, 1, 1, 1, 2, 3, 2, 3, 1, 0)	40
7541	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 4, 1, 5, 0)	47
7543	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 3, 1, 1, 1, 1, 1, 3, 1, 3, 3, 1, 1, 0)	40
7545	(4, 3, 2, 1, 3, 1, 4, 3, 7, 1, 2, 2, 1, 2, 3, 1, 1, 1, 1, 2, 1, 2, 0)	23
7547	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 1, 2, 1, 5, 3, 1, 2, 1, 1, 1, 1, 1, 1, 3, 2, 2, 1, 2, 1, 0)	40
7549	(4, 3, 2, 1, 1, 12, 1, 1, 1, 3, 0)	11
7551	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 6, 2, 2, 2, 4, 1, 1, 1, 1, 1, 1, 0)	30
7553	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 5, 2, 2, 2, 3, 1, 2, 2, 2, 0)	47
7555	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 3, 3, 4, 1, 0)	47
7557	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 2, 4, 0)	28
7559	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 7, 2, 1, 1, 0)	47
7561	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 2, 6, 1, 2, 1, 1, 2, 0)	28
7563	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 3, 1, 1, 3, 2, 1, 0)	28
7565	(4, 3, 2, 1, 3, 1, 2, 4, 6, 3, 0)	11

7567	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 5, 4, 1, 1, 1, 0)	47
7569	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 4, 1, 1, 3, 2, 3, 2, 0)	47
7571	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 4, 1, 1, 5, 1, 3, 1, 0)	47
7573	(4, 3, 2, 1, 3, 1, 2, 6, 1, 6, 0)	11
7575	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 3, 1, 3, 2, 1, 1, 1, 1, 6, 1, 1, 0)	28
7577	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 3, 1, 3, 2, 1, 1, 1, 3, 3, 1, 2, 0)	28
7579	(4, 3, 2, 1, 7, 4, 1, 1, 2, 3, 4, 2, 2, 4, 1, 2, 1, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 1, 1, 3, 2, 1, 3, 1, 2, 1, 1, 1, 1, 2, 3, 1, 1, 1, 2, 1, 0)	47
7581	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 2, 2, 1, 4, 5, 1, 1, 2, 2, 1, 1, 1, 1, 1, 1, 2, 1, 3, 0)	64
7583	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 3, 2, 2, 6, 1, 3, 2, 1, 2, 1, 2, 1, 1, 1, 1, 0)	28
7585	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 5, 3, 2, 2, 2, 1, 2, 2, 0)	47
7587	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 5, 1, 0)	23
7589	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 4, 1, 1, 1, 4, 0)	23
7591	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 4, 1, 2, 3, 2, 1, 1, 1, 2, 2, 1, 3, 3, 2, 1, 2, 1, 1, 0)	64
7593	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 4, 1, 2, 3, 2, 1, 1, 1, 4, 1, 1, 5, 1, 1, 1, 1, 1, 2, 0)	64
7595	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 5, 4, 2, 2, 1, 1, 2, 2, 2, 1, 0)	47
7597	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 4, 1, 4, 1, 2, 2, 3, 0)	23
7599	(4, 3, 2, 5, 4, 1, 2, 1, 2, 5, 1, 1, 4, 2, 1, 1, 1, 0)	18
7601	(8, 2, 3, 2, 3, 4, 2, 0)	8
7603	(8, 2, 3, 2, 5, 3, 1, 0)	8
7605	(8, 2, 5, 1, 1, 2, 5, 0)	8
7607	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 3, 5, 1, 3, 1, 1, 1, 1, 2, 1, 3, 1, 3, 1, 1, 0)	28
7609	(8, 2, 3, 6, 2, 1, 2, 0)	8
7611	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 5, 2, 1, 3, 2, 3, 1, 2, 1, 0)	47
7613	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 3, 0)	47
7615	(4, 3, 2, 5, 4, 9, 1, 2, 1, 1, 1, 2, 1, 1, 1, 1, 1, 0)	18
7617	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 2, 2, 1, 1, 2, 1, 2, 3, 1, 2, 2, 1, 1, 3, 2, 2, 0)	64

7619	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 2, 2, 1, 1, 2, 1, 2, 3, 1, 4, 1, 1, 1, 1, 4, 1, 0)	64
7621	(4, 3, 2, 1, 3, 1, 4, 1, 6, 4, 0)	11
7623	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 3, 3, 4, 2, 2, 2, 1, 1, 0)	23
7625	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 1, 2, 1, 1, 2, 3, 4, 1, 1, 2, 0)	28
7627	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 1, 2, 1, 3, 1, 1, 2, 4, 2, 1, 0)	28
7629	(10, 1, 1, 4, 2, 3, 3, 0)	8
7631	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 4, 2, 3, 2, 4, 1, 2, 1, 1, 1, 2, 2, 3, 1, 2, 1, 3, 1, 1, 1, 0)	64
7633	(10, 1, 1, 6, 1, 3, 2, 0)	8
7635	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 3, 1, 1, 3, 2, 2, 1, 1, 3, 1, 0)	28
7637	(4, 3, 2, 1, 3, 1, 4, 3, 1, 7, 0)	11
7639	(8, 8, 1, 1, 4, 1, 1, 0)	8
7641	(10, 1, 3, 1, 6, 1, 2, 0)	8
7643	(4, 3, 2, 1, 3, 3, 3, 6, 1, 1, 1, 1, 1, 1, 3, 2, 1, 6, 1, 1, 2, 1, 0)	23
7645	(10, 1, 3, 3, 3, 1, 3, 0)	8
7647	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 5, 3, 2, 3, 2, 2, 1, 3, 1, 1, 4, 1, 1, 2, 1, 3, 1, 1, 3, 1, 1, 1, 1, 0)	64
7649	(4, 3, 2, 1, 1, 4, 4, 5, 2, 1, 2, 3, 2, 1, 2, 1, 3, 2, 3, 1, 2, 2, 1, 1, 1, 2, 1, 1, 1, 2, 2, 1, 1, 3, 1, 1, 1, 2, 2, 0)	40
7651	(4, 3, 2, 1, 3, 1, 4, 3, 7, 1, 0)	11
7653	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 1, 4, 0)	28
7655	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 1, 6, 3, 1, 1, 2, 1, 1, 0)	28
7657	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 3, 3, 2, 2, 1, 2, 1, 2, 1, 4, 2, 1, 2, 1, 1, 1, 2, 0)	28
7659	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 3, 3, 1, 4, 2, 4, 1, 1, 2, 1, 1, 3, 1, 1, 1, 1, 1, 2, 2, 1, 0)	64
7661	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 2, 2, 1, 5, 1, 2, 1, 2, 3, 2, 1, 2, 2, 2, 3, 1, 1, 2, 1, 1, 1, 1, 1, 3, 2, 1, 1, 1, 1, 1, 1, 1, 1, 1, 2, 1, 2, 2, 1, 2, 3, 0)	64
7663	(4, 3, 6, 4, 4, 3, 1, 1, 3, 1, 1, 1, 2, 5, 1, 1, 2, 1, 1, 1, 2, 2, 2, 1, 1, 2, 1, 1, 1, 0)	30
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7667	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 1, 5, 1, 2, 3, 1, 0)	18
7669	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 5, 0)	18

7671	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 3, 2, 2, 2, 2, 2, 3, 1, 1, 2, 3, 1, 1, 0)	47
7673	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 5, 2, 1, 2, 1, 2, 0)	18
7675	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 1, 2, 2, 2, 4, 1, 2, 3, 1, 2, 1, 2, 1, 0)	64
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7679	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 2, 5, 3, 3, 6, 1, 1, 2, 1, 1, 2, 2, 1, 1, 1, 3, 1, 3, 1, 1, 1, 1, 1, 1, 1, 1, 0)	40
7681	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 1, 4, 5, 1, 1, 1, 1, 1, 1, 2, 2, 2, 2, 0)	64
7683	(4, 3, 2, 1, 3, 1, 8, 2, 4, 1, 0)	11
7685	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 2, 2, 1, 2, 2, 4, 0)	52
7687	(4, 5, 1, 1, 5, 1, 2, 2, 2, 4, 2, 2, 2, 3, 2, 1, 1, 0)	18
7689	(4, 5, 1, 1, 5, 1, 2, 2, 4, 1, 2, 2, 4, 2, 1, 1, 2, 0)	18
7691	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 2, 2, 3, 3, 2, 1, 0)	52
7693	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 3, 4, 3, 0)	16
7695	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 4, 1, 5, 1, 1, 1, 0)	52
7697	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 5, 3, 2, 0)	16
7699	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 6, 2, 2, 1, 3, 1, 2, 2, 1, 1, 2, 2, 1, 3, 1, 0)	47
7701	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 6, 0)	16
7703	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 4, 1, 2, 5, 1, 1, 0)	52
7705	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 4, 3, 1, 3, 1, 2, 0)	52
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7713	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 1, 4, 2, 1, 3, 1, 2, 1, 1, 2, 3, 1, 2, 2, 0)	28
7715	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 3, 5, 1, 0)	16
7717	(4, 5, 1, 1, 5, 3, 3, 2, 1, 1, 3, 2, 1, 2, 1, 1, 4, 0)	18

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7721	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 0)	40
7723	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 5, 2, 2, 1, 0)	16
7725	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 4, 3, 2, 2, 1, 1, 1, 3, 2, 3, 0)	52
7727	(4, 5, 1, 5, 2, 1, 4, 4, 1, 3, 3, 1, 3, 1, 1, 1, 2, 1, 1, 2, 3, 1, 1, 1, 2, 2, 1, 1, 1, 0)	30
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7737	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 2, 2, 1, 3, 2, 1, 1, 4, 1, 2, 2, 2, 2, 1, 2, 0)	64
7739	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 4, 2, 3, 2, 4, 1, 2, 1, 0)	52
7741	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 4, 1, 1, 3, 0)	52
7743	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 3, 1, 1, 2, 1, 2, 2, 2, 1, 4, 1, 2, 1, 1, 2, 5, 1, 1, 1, 1, 1, 0)	40
7745	(4, 3, 2, 1, 1, 4, 2, 2, 3, 1, 4, 2, 4, 2, 2, 0)	16
7747	(4, 3, 2, 1, 1, 4, 2, 2, 3, 1, 4, 4, 1, 4, 1, 0)	16
7749	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 4, 0)	16
7751	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 4, 1, 1, 1, 4, 4, 1, 1, 1, 3, 1, 2, 2, 1, 1, 0)	64
7753	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 5, 3, 2, 3, 2, 2, 1, 3, 1, 1, 2, 0)	52
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7761	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 3, 1, 4, 2, 1, 1, 3, 2, 0)	52

7763	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 3, 1, 6, 1, 1, 1, 3, 1, 0)	52
7765	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 8, 0)	35
7767	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 3, 3, 4, 1, 1, 0)	16
7769	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 1, 1, 1, 1, 4, 2, 1, 1, 1, 3, 1, 1, 1, 2, 1, 1, 4, 1, 2, 0)	40
7771	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 1, 1, 1, 1, 4, 2, 1, 1, 1, 1, 2, 1, 5, 1, 2, 1, 1, 2, 1, 0)	40
7773	(4, 3, 2, 1, 3, 3, 3, 6, 1, 3, 0)	11
7775	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 4, 1, 1, 1, 1, 0)	16
7777	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 1, 2, 5, 1, 1, 1, 2, 1, 5, 1, 1, 2, 2, 0)	28
7779	(4, 3, 2, 1, 3, 3, 5, 1, 6, 1, 0)	11
7781	(4, 3, 2, 1, 3, 3, 5, 3, 1, 4, 0)	11
7783	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 1, 2, 3, 2, 5, 2, 3, 1, 1, 1, 2, 1, 1, 0)	28
7785	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 2, 2, 1, 1, 1, 1, 1, 2, 4, 1, 2, 2, 1, 3, 2, 3, 1, 1, 1, 1, 3, 1, 1, 1, 2, 0)	81
7787	(4, 3, 2, 1, 7, 2, 2, 5, 1, 4, 1, 1, 1, 1, 1, 2, 2, 2, 1, 2, 2, 1, 0)	23
7789	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 1, 3, 1, 2, 2, 1, 4, 1, 1, 1, 2, 3, 0)	28
7791	(4, 3, 2, 1, 7, 4, 1, 3, 1, 3, 1, 1, 2, 2, 2, 3, 2, 1, 2, 1, 1, 1, 0)	23
7793	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 7, 2, 0)	35
7795	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 1, 2, 1, 5, 1, 2, 2, 3, 1, 0)	52
7797	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 5, 0)	52
7799	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 1, 2, 5, 3, 1, 1, 0)	52
7801	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 4, 5, 3, 1, 3, 1, 1, 2, 1, 2, 0)	52
7803	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 1, 6, 2, 1, 2, 1, 0)	52
7805	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 4, 3, 3, 1, 1, 1, 3, 1, 1, 2, 3, 1, 2, 1, 1, 1, 3, 0)	64
7807	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 9, 1, 4, 1, 1, 1, 2, 1, 1, 1, 1, 1, 1, 0)	28

7809	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 8, 2, 3, 1, 1, 1, 1, 2, 2, 2, 0)	52
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7813	(4, 3, 2, 1, 3, 7, 2, 1, 2, 4, 0)	11
7815	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 1, 3, 1, 1, 1, 1, 4, 3, 1, 1, 1, 1, 1, 2, 4, 2, 1, 1, 0)	47
7817	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 1, 3, 1, 1, 1, 1, 2, 6, 1, 2, 1, 2, 1, 1, 2, 1, 1, 2, 0)	47
7819	(4, 3, 2, 1, 3, 9, 1, 3, 2, 1, 0)	11
7821	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 3, 1, 5, 3, 0)	35
7823	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 2, 2, 1, 1, 1, 1, 2, 4, 1, 1, 4, 1, 1, 1, 0)	28
7825	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 3, 3, 2, 1, 2, 2, 3, 1, 2, 3, 2, 0)	52
7827	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 3, 3, 2, 1, 2, 2, 3, 3, 1, 3, 1, 0)	52
7829	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 1, 6, 0)	16
7831	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 3, 7, 1, 1, 0)	35
7833	(4, 5, 1, 5, 2, 3, 1, 2, 4, 2, 1, 1, 1, 2, 3, 1, 2, 0)	18
7835	(4, 5, 1, 5, 2, 1, 6, 3, 2, 2, 1, 2, 1, 1, 1, 2, 1, 0)	18
7837	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 7, 1, 1, 1, 2, 1, 1, 2, 1, 1, 2, 2, 1, 2, 1, 3, 0)	28
7839	(4, 3, 2, 1, 1, 10, 2, 1, 1, 3, 1, 2, 3, 2, 3, 2, 2, 1, 2, 2, 1, 1, 2, 1, 1, 1, 1, 0)	28
7841	(4, 3, 2, 1, 1, 4, 4, 1, 3, 6, 1, 2, 1, 2, 2, 0)	16
7843	(4, 3, 2, 1, 1, 4, 4, 1, 5, 3, 1, 1, 1, 5, 1, 0)	16
7845	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 3, 3, 4, 1, 2, 1, 2, 4, 2, 1, 1, 1, 1, 1, 2, 1, 1, 1, 1, 1, 4, 0)	64
7847	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 4, 1, 1, 1, 3, 2, 1, 2, 2, 1, 1, 3, 3, 1, 2, 1, 2, 1, 1, 0)	45
7849	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 2, 2, 1, 5, 4, 1, 3, 1, 2, 1, 2, 1, 1, 1, 1, 1, 1, 1, 2, 0)	45
7851	(4, 3, 2, 1, 3, 1, 2, 4, 6, 1, 2, 2, 2, 1, 1, 3, 1, 1, 4, 1, 1, 1, 2, 2, 2, 2, 1, 0)	28
7853	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 3, 1, 1, 2, 1, 2, 2, 2, 3, 0)	28
7855	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 1, 6, 1, 2, 2, 3, 2, 1, 1, 1, 0)	28
7857	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 3, 1, 1, 3, 2, 4, 2, 0)	35
7859	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 3, 1, 1, 3, 4, 3, 1, 0)	35

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7863	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 1, 2, 6, 2, 1, 1, 3, 1, 1, 1, 1, 2, 2, 1, 3, 1, 1, 0)	28
7865	(4, 3, 2, 1, 1, 4, 4, 5, 2, 1, 2, 3, 2, 1, 2, 0)	16
7867	(4, 3, 2, 1, 1, 4, 4, 5, 2, 3, 1, 3, 1, 2, 1, 0)	16
7869	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 3, 1, 5, 2, 1, 1, 3, 0)	35
7871	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 5, 4, 1, 2, 2, 2, 1, 1, 1, 1, 1, 0)	28
7873	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 3, 3, 2, 2, 0)	52
7875	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 3, 2, 2, 6, 1, 3, 2, 1, 2, 3, 1, 1, 1, 1, 1, 3, 1, 1, 1, 2, 1, 2, 1, 1, 1, 2, 1, 2, 1, 1, 4, 1, 0)	45
7877	(4, 3, 6, 4, 4, 0)	6
7879	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 5, 2, 2, 1, 1, 0)	52
7881	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 3, 1, 1, 1, 1, 5, 1, 1, 2, 0)	52
7883	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 1, 1, 1, 1, 4, 2, 1, 0)	28
7885	(4, 3, 8, 3, 3, 0)	6
7887	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 9, 2, 1, 1, 2, 3, 1, 4, 1, 1, 1, 4, 1, 2, 1, 1, 1, 1, 1, 1, 1, 3, 1, 1, 1, 0)	64
7889	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 5, 1, 1, 1, 3, 2, 2, 2, 1, 3, 2, 0)	35
7891	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 5, 1, 1, 1, 3, 2, 4, 1, 1, 3, 1, 0)	35
7893	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 2, 7, 0)	16
7895	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 2, 2, 1, 1, 1, 1, 1, 2, 4, 1, 4, 1, 1, 0)	69
7897	(4, 3, 2, 1, 7, 2, 2, 5, 1, 2, 0)	11
7899	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 5, 1, 1, 5, 2, 1, 3, 1, 1, 2, 1, 0)	35
7901	(4, 3, 2, 1, 7, 4, 1, 3, 1, 3, 0)	11
7903	(8, 2, 3, 6, 2, 1, 2, 2, 1, 2, 1, 1, 3, 1, 2, 1, 2, 1, 3, 3, 1, 1, 1, 1, 0)	25
7905	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 4, 1, 1, 1, 1, 1, 5, 1, 1, 1, 1, 2, 2, 0)	69
7907	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 8, 1, 0)	16

7909	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 2, 4, 2, 1, 4, 0)	52
7911	(10, 1, 1, 4, 2, 3, 1, 1, 1, 2, 2, 1, 2, 3, 2, 2, 4, 1, 2, 1, 1, 2, 1, 1, 0)	25
7913	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 1, 4, 2, 2, 4, 2, 2, 1, 1, 1, 2, 0)	35
7915	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 3, 1, 2, 2, 2, 5, 1, 1, 2, 2, 1, 0)	35
7917	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 4, 3, 1, 2, 3, 0)	52
7919	(10, 1, 1, 4, 2, 3, 1, 1, 1, 4, 1, 3, 2, 2, 1, 3, 3, 1, 1, 1, 2, 1, 1, 1, 0)	25
7921	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 5, 2, 0)	16
7923	(4, 3, 2, 1, 1, 6, 3, 2, 6, 1, 1, 1, 2, 3, 1, 0)	16
7925	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 1, 1, 2, 1, 1, 5, 0)	35
7927	(4, 3, 2, 1, 1, 6, 3, 4, 3, 1, 2, 2, 3, 1, 1, 0)	16
7929	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 3, 5, 1, 2, 1, 2, 0)	52
7931	(10, 1, 3, 3, 1, 2, 1, 4, 1, 1, 2, 1, 2, 1, 5, 1, 1, 3, 1, 1, 2, 1, 2, 1, 0)	25
7933	(4, 3, 2, 1, 1, 6, 5, 5, 1, 2, 1, 1, 1, 1, 3, 0)	16
7935	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 1, 2, 5, 2, 2, 2, 3, 1, 1, 5, 1, 2, 1, 3, 1, 1, 1, 1, 1, 2, 1, 1, 1, 1, 1, 1, 1, 0)	45
7937	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 2, 2, 0)	16
7939	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 4, 1, 3, 2, 1, 2, 4, 1, 0)	52
7941	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 1, 3, 2, 4, 0)	16
7943	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 4, 1, 5, 1, 3, 2, 1, 1, 0)	52
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7949	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 2, 2, 1, 1, 1, 4, 3, 0)	33
7951	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 7, 1, 1, 1, 0)	16
7953	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 2, 2, 1, 1, 3, 3, 2, 0)	33
7955	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 5, 2, 2, 2, 3, 1, 2, 2, 2, 1, 2, 1, 3, 1, 0)	52
7957	(4, 5, 1, 5, 6, 0)	6

7959	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 4, 1, 1, 1, 5, 1, 1, 0)	33
7961	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 7, 2, 1, 1, 1, 1, 3, 1, 2, 0)	52
7963	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 7, 2, 1, 1, 2, 2, 1, 2, 2, 1, 2, 2, 1, 1, 4, 1, 3, 1, 1, 1, 1, 3, 1, 2, 2, 1, 2, 1, 1, 3, 1, 1, 2, 2, 2, 2, 1, 1, 1, 1, 1, 1, 1, 2, 1, 0)	93
7965	(4, 3, 2, 1, 3, 1, 2, 4, 6, 1, 2, 2, 2, 1, 3, 0)	16
7967	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 3, 1, 1, 3, 2, 3, 2, 1, 1, 1, 1, 0)	33
7969	(4, 3, 2, 1, 3, 1, 2, 6, 1, 2, 3, 4, 1, 2, 2, 0)	16
7971	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 1, 2, 2, 5, 1, 0)	16
7973	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 1, 4, 1, 1, 4, 0)	16
7975	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 4, 1, 1, 5, 1, 3, 1, 3, 1, 2, 1, 1, 0)	52
7977	(4, 3, 2, 1, 3, 1, 2, 6, 1, 8, 1, 1, 1, 1, 2, 0)	16
7979	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 3, 3, 2, 2, 1, 0)	16
7981	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 1, 4, 4, 2, 3, 0)	16
7983	(4, 3, 2, 1, 3, 1, 2, 6, 3, 5, 2, 2, 1, 1, 1, 0)	16
7985	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 1, 6, 1, 4, 2, 0)	16
7987	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 1, 6, 3, 3, 1, 0)	16
7989	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 5, 0)	16
7991	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 4, 1, 1, 3, 1, 1, 0)	28
7993	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 4, 1, 1, 1, 4, 1, 2, 2, 1, 2, 0)	28
7995	(4, 3, 2, 1, 3, 1, 4, 1, 2, 5, 2, 5, 1, 2, 1, 0)	16
7997	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 3, 1, 1, 3, 0)	16
7999	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 4, 1, 2, 3, 2, 1, 1, 1, 4, 1, 1, 5, 1, 1, 1, 1, 3, 3, 1, 1, 1, 1, 1, 0)	69
8001	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 6, 2, 2, 0)	16
8003	(8, 2, 5, 1, 1, 2, 1, 4, 2, 1, 4, 1, 0)	13
8005	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 3, 1, 3, 4, 0)	16
8007	(8, 2, 3, 2, 3, 6, 1, 1, 2, 2, 1, 1, 0)	13
8009	(8, 2, 5, 1, 1, 2, 3, 3, 3, 1, 1, 2, 0)	13
8011	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 3, 5, 2, 1, 0)	16

8013	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 1, 2, 1, 1, 3, 3, 0)	52
8015	(8, 2, 3, 6, 2, 1, 2, 2, 3, 1, 1, 1, 0)	13
8017	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 3, 1, 1, 1, 3, 2, 0)	52
8019	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 3, 1, 0)	57
8021	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 9, 0)	40
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8025	(10, 1, 1, 4, 2, 1, 2, 1, 3, 4, 1, 2, 0)	13
8027	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 4, 3, 2, 2, 1, 1, 1, 5, 1, 1, 3, 3, 2, 2, 1, 1, 2, 1, 2, 1, 1, 2, 2, 1, 1, 2, 1, 0)	69
8029	(10, 1, 1, 4, 2, 3, 1, 1, 1, 4, 1, 3, 0)	13
8031	(10, 1, 1, 4, 2, 1, 2, 7, 1, 1, 1, 1, 0)	13
8033	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 1, 2, 1, 3, 1, 1, 2, 4, 2, 1, 2, 1, 1, 2, 2, 0)	33
8035	(4, 5, 5, 6, 1, 0)	6
8037	(4, 5, 7, 1, 4, 0)	6
8039	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 4, 2, 3, 2, 4, 1, 2, 1, 1, 1, 2, 2, 1, 6, 3, 1, 1, 1, 1, 1, 1, 1, 2, 1, 1, 0)	69
8041	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 3, 1, 1, 3, 2, 2, 1, 1, 1, 2, 4, 1, 1, 1, 2, 0)	33
8043	(4, 3, 2, 1, 3, 1, 4, 3, 1, 5, 4, 1, 2, 2, 1, 0)	16
8045	(10, 1, 3, 3, 1, 2, 1, 4, 1, 1, 2, 3, 0)	13
8047	(8, 8, 1, 1, 4, 1, 3, 1, 2, 1, 1, 1, 0)	13
8049	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 6, 2, 0)	23
8051	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 3, 1, 0)	23
8053	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 5, 0)	23
8055	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 5, 3, 3, 1, 1, 0)	23
8057	(4, 3, 2, 1, 1, 4, 4, 5, 2, 1, 2, 3, 2, 1, 2, 1, 3, 2, 3, 1, 2, 2, 1, 1, 1, 2, 1, 1, 1, 2, 2, 1, 1, 3, 1, 1, 1, 4, 1, 1, 1, 2, 1, 2, 0)	45
8059	(4, 3, 2, 1, 3, 1, 4, 3, 7, 1, 2, 2, 1, 2, 1, 0)	16
8061	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 3, 1, 1, 1, 3, 0)	33

8063	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 1, 2, 1, 5, 3, 3, 1, 1, 1, 1, 1, 1, 0)	33
8065	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 5, 2, 1, 2, 2, 2, 0)	23
8067	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 3, 1, 3, 4, 1, 0)	23
8069	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 1, 5, 1, 2, 1, 2, 1, 1, 1, 2, 4, 0)	23
8071	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 3, 5, 2, 1, 1, 0)	23
8073	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 4, 1, 1, 1, 1, 1, 1, 1, 1, 3, 4, 2, 1, 1, 1, 2, 2, 1, 2, 1, 1, 2, 0)	33
8075	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 1, 5, 1, 2, 3, 1, 1, 1, 3, 2, 1, 0)	23
8077	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 7, 3, 0)	40
8079	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 3, 2, 2, 2, 2, 2, 3, 1, 1, 2, 1, 2, 1, 2, 4, 1, 1, 1, 0)	52
8081	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 5, 3, 2, 1, 1, 2, 3, 1, 1, 1, 1, 1, 1, 1, 2, 2, 3, 2, 0)	52
8083	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 5, 3, 2, 1, 1, 2, 3, 1, 1, 1, 1, 1, 1, 1, 4, 1, 3, 1, 0)	52
8085	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 6, 0)	21
8087	(4, 9, 6, 1, 1, 0)	6
8089	(4, 11, 3, 1, 2, 0)	6
8091	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 1, 4, 5, 1, 1, 1, 1, 1, 1, 2, 2, 2, 4, 1, 1, 1, 2, 1, 0)	69
8093	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 2, 2, 1, 2, 2, 4, 1, 1, 2, 1, 3, 0)	57
8095	(4, 3, 2, 1, 7, 4, 1, 1, 2, 3, 4, 2, 2, 4, 1, 2, 1, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 1, 1, 3, 2, 1, 3, 1, 2, 1, 1, 1, 1, 0)	40
8097	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 3, 2, 2, 4, 2, 1, 2, 2, 0)	21
8099	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 3, 1, 5, 1, 0)	21
8101	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 4, 1, 3, 2, 1, 1, 2, 1, 1, 1, 4, 0)	57
8103	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 3, 1, 1, 3, 2, 1, 1, 4, 2, 1, 1, 2, 1, 3, 1, 2, 2, 1, 2, 1, 1, 0)	69
8105	(4, 5, 1, 1, 5, 1, 2, 2, 4, 3, 3, 2, 1, 4, 1, 2, 1, 1, 1, 1, 1, 2, 0)	23
8107	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 5, 3, 2, 1, 2, 2, 2, 1, 0)	21

8109	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 4, 1, 2, 3, 2, 1, 1, 1, 2, 2, 3, 0)	57
8111	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 4, 5, 2, 1, 1, 1, 0)	21
8113	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 5, 4, 2, 0)	40
8115	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 7, 3, 1, 0)	40
8117	(4, 3, 2, 5, 4, 1, 2, 1, 2, 5, 0)	11
8119	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 5, 2, 1, 1, 4, 1, 3, 1, 1, 0)	21
8121	(4, 3, 2, 5, 2, 4, 4, 2, 1, 2, 0)	11
8123	(4, 3, 2, 5, 2, 6, 3, 1, 2, 1, 0)	11
8125	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 3, 5, 1, 1, 2, 1, 1, 3, 0)	21
8127	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 7, 3, 2, 1, 1, 1, 1, 1, 2, 1, 2, 2, 1, 1, 3, 1, 3, 1, 1, 3, 1, 2, 1, 1, 1, 1, 1, 0)	69
8129	(4, 3, 2, 5, 4, 3, 1, 3, 2, 2, 0)	11
8131	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 1, 0)	45
8133	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 5, 4, 0)	40
8135	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 5, 2, 2, 1, 2, 2, 2, 1, 1, 0)	21
8137	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 4, 3, 2, 2, 1, 1, 1, 5, 1, 1, 1, 4, 1, 1, 2, 0)	57
8139	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 5, 4, 2, 1, 0)	40
8141	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 2, 2, 1, 1, 2, 1, 2, 3, 3, 0)	57
8143	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 4, 3, 4, 1, 1, 1, 1, 3, 1, 4, 1, 3, 1, 1, 1, 0)	57
8145	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 2, 2, 1, 1, 2, 3, 1, 3, 2, 0)	57
8147	(4, 3, 2, 1, 1, 4, 4, 1, 5, 3, 1, 1, 1, 5, 1, 2, 1, 5, 1, 1, 1, 1, 1, 1, 3, 1, 1, 2, 1, 1, 3, 1, 0)	33
8149	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 7, 0)	16
8151	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 4, 2, 3, 2, 4, 1, 2, 1, 1, 1, 4, 1, 1, 0)	57
8153	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 7, 1, 2, 0)	40
8155	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 3, 1, 1, 2, 1, 2, 2, 2, 1, 4, 1, 2, 1, 1, 2, 3, 2, 1, 1, 1, 1, 4, 1, 1, 2, 1, 0)	45

8157	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 3, 1, 3, 0)	21
8159	(4, 3, 2, 1, 1, 4, 2, 2, 3, 1, 4, 2, 4, 4, 1, 3, 1, 1, 1, 1, 0)	21
8161	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 1, 5, 1, 2, 1, 2, 1, 1, 3, 3, 2, 1, 1, 3, 1, 1, 6, 3, 1, 2, 1, 2, 4, 2, 1, 1, 1, 1, 2, 1, 2, 1, 1, 1, 2, 1, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 2, 1, 1, 1, 2, 2, 0)	64
8163	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 7, 1, 0)	16
8165	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 4, 1, 3, 1, 2, 1, 2, 1, 4, 0)	21
8167	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 5, 3, 2, 3, 2, 2, 1, 3, 1, 1, 4, 1, 1, 2, 1, 1, 0)	57
8169	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 8, 1, 1, 2, 1, 1, 1, 2, 0)	21
8171	(4, 3, 2, 1, 1, 4, 4, 5, 2, 1, 2, 3, 2, 1, 2, 1, 3, 2, 3, 1, 2, 2, 1, 1, 1, 2, 1, 1, 1, 2, 2, 1, 0)	33
8173	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 3, 1, 6, 1, 1, 1, 1, 2, 1, 2, 1, 2, 3, 0)	57
8175	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 3, 1, 7, 1, 1, 1, 1, 1, 2, 3, 4, 1, 1, 1, 1, 2, 1, 4, 1, 1, 2, 1, 1, 1, 0)	52
8177	(4, 3, 2, 1, 3, 3, 3, 6, 1, 1, 1, 1, 1, 5, 2, 0)	16
8179	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 3, 3, 2, 2, 1, 2, 1, 2, 3, 1, 0)	21
8181	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 5, 0)	21
8183	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 1, 1, 1, 1, 4, 2, 1, 1, 1, 3, 1, 1, 1, 2, 1, 1, 4, 1, 2, 1, 2, 3, 1, 1, 0)	45
8185	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 1, 1, 1, 1, 4, 2, 1, 1, 1, 1, 2, 1, 5, 1, 2, 1, 1, 2, 1, 2, 1, 2, 1, 2, 0)	45
8187	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 1, 1, 1, 1, 4, 2, 1, 1, 1, 3, 1, 1, 3, 1, 1, 3, 2, 1, 2, 1, 2, 1, 2, 1, 0)	45
8189	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 2, 2, 1, 5, 1, 2, 1, 2, 3, 2, 1, 2, 2, 2, 3, 1, 1, 2, 1, 1, 1, 1, 1, 3, 2, 1, 1, 1, 1, 1, 1, 1, 1, 3, 0)	57
8191	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 4, 1, 1, 3, 1, 1, 1, 1, 5, 5, 1, 2, 1, 4, 1, 3, 1, 2, 1, 1, 1, 2, 2, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 0)	57
8193	(4, 3, 2, 1, 3, 3, 5, 3, 1, 2, 2, 2, 2, 2, 2, 0)	16
8195	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 3, 2, 2, 2, 4, 1, 0)	40
8197	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 1, 2, 2, 2, 2, 4, 0)	57
8199	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 3, 4, 3, 2, 1, 1, 0)	40
8201	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 5, 3, 2, 1, 1, 2, 0)	40

8203	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 1, 2, 4, 3, 2, 1, 0)	57
8205	(4, 5, 1, 1, 3, 4, 2, 2, 4, 3, 0)	11
8207	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 1, 4, 5, 1, 1, 1, 0)	57
8209	(4, 5, 1, 1, 3, 4, 2, 4, 3, 2, 0)	11
8211	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 3, 3, 2, 1, 3, 1, 0)	57
8213	(4, 5, 1, 1, 5, 1, 2, 2, 2, 6, 0)	11
8215	(4, 5, 1, 1, 3, 4, 4, 5, 1, 1, 0)	11
8217	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 3, 1, 1, 3, 2, 1, 3, 1, 2, 0)	57
8219	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 2, 4, 2, 3, 3, 1, 1, 3, 3, 3, 1, 1, 1, 1, 2, 2, 1, 1, 1, 1, 2, 1, 0)	69
8221	(4, 5, 1, 1, 3, 6, 3, 2, 1, 3, 0)	11
8223	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 4, 3, 1, 2, 1, 1, 5, 1, 4, 1, 1, 2, 2, 1, 2, 1, 2, 2, 1, 1, 1, 1, 0)	69
8225	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 6, 2, 2, 1, 3, 1, 2, 2, 0)	40
8227	(4, 5, 1, 1, 5, 1, 2, 4, 5, 1, 0)	11
8229	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 3, 1, 3, 2, 3, 2, 1, 1, 4, 0)	40
8231	(4, 3, 2, 1, 3, 7, 2, 1, 4, 1, 4, 1, 2, 1, 1, 0)	16
8233	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 1, 3, 1, 1, 1, 1, 4, 3, 1, 1, 1, 1, 1, 4, 3, 1, 2, 2, 1, 1, 1, 1, 2, 0)	52
8235	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 3, 1, 5, 1, 1, 4, 2, 2, 1, 0)	40
8237	(4, 5, 1, 1, 5, 1, 4, 3, 2, 3, 0)	11
8239	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 7, 3, 2, 1, 1, 1, 1, 1, 2, 1, 2, 2, 1, 1, 1, 0)	57
8241	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 1, 4, 2, 1, 1, 4, 2, 0)	21
8243	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 1, 4, 2, 1, 3, 3, 1, 0)	21
8245	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 5, 0)	45
8247	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 1, 3, 2, 2, 3, 2, 2, 2, 1, 1, 2, 1, 3, 2, 2, 1, 1, 1, 3, 1, 1, 0)	33

8249	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 3, 1, 4, 2, 2, 1, 2, 0)	21
8251	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 3, 3, 1, 4, 1, 2, 1, 0)	21
8253	(4, 5, 1, 1, 5, 3, 5, 1, 1, 3, 0)	11
8255	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 3, 1, 1, 1, 1, 1, 3, 1, 3, 3, 1, 1, 2, 2, 1, 1, 2, 4, 2, 2, 1, 1, 1, 1, 1, 2, 2, 1, 4, 1, 1, 1, 1, 1, 0)	62
8257	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 3, 3, 4, 1, 2, 1, 2, 4, 2, 1, 1, 1, 1, 1, 2, 1, 1, 1, 1, 1, 2, 1, 1, 4, 2, 2, 0)	69
8259	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 3, 3, 4, 1, 2, 1, 2, 4, 2, 1, 1, 1, 1, 1, 2, 1, 1, 1, 1, 1, 2, 1, 3, 1, 4, 1, 0)	69
8261	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 4, 3, 4, 0)	45
8263	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 3, 5, 1, 5, 1, 1, 2, 3, 1, 1, 2, 1, 2, 2, 1, 1, 0)	57
8265	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 4, 1, 1, 1, 3, 2, 1, 2, 2, 1, 1, 3, 3, 1, 2, 1, 2, 1, 1, 1, 3, 1, 1, 2, 0)	50
8267	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 8, 2, 1, 0)	45
8269	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 2, 2, 1, 3, 2, 1, 3, 3, 0)	57
8271	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 3, 1, 1, 2, 1, 2, 2, 2, 1, 4, 3, 1, 1, 1, 0)	33
8273	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 2, 2, 1, 5, 1, 1, 3, 2, 0)	57
8275	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 1, 2, 3, 4, 2, 1, 1, 2, 2, 1, 1, 1, 3, 1, 0)	33
8277	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 8, 0)	45
8279	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 4, 1, 1, 1, 4, 4, 1, 1, 0)	57
8281	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 4, 1, 1, 3, 1, 4, 1, 2, 0)	57
8283	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 1, 2, 6, 2, 1, 1, 1, 2, 1, 1, 3, 4, 1, 2, 1, 1, 1, 2, 1, 1, 2, 1, 0)	33
8285	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 5, 5, 1, 3, 0)	45
8287	(4, 3, 2, 1, 1, 4, 4, 5, 2, 3, 1, 3, 1, 2, 1, 4, 1, 1, 1, 1, 0)	21
8289	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 3, 1, 7, 1, 1, 1, 1, 3, 1, 1, 2, 2, 0)	40
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8293	(4, 3, 8, 1, 2, 2, 1, 3, 1, 4, 0)	11
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8297	(4, 3, 6, 4, 4, 3, 1, 1, 1, 2, 0)	11
8299	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 5, 2, 2, 1, 1, 2, 1, 2, 2, 1, 0)	57
8301	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 1, 1, 1, 1, 4, 2, 1, 1, 1, 1, 2, 3, 0)	33
8303	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 4, 1, 1, 3, 1, 1, 1, 5, 2, 1, 1, 1, 4, 1, 1, 1, 1, 2, 1, 2, 1, 1, 1, 0)	45
8305	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 8, 2, 0)	45
8307	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 2, 3, 4, 2, 2, 3, 1, 0)	21
8309	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 1, 2, 3, 2, 1, 5, 0)	21
8311	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 2, 5, 1, 4, 3, 1, 1, 0)	21
8313	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 1, 2, 1, 1, 1, 2, 1, 4, 1, 2, 3, 5, 1, 1, 1, 1, 1, 2, 1, 1, 2, 1, 2, 0)	69
8315	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 2, 2, 1, 1, 1, 1, 1, 2, 4, 1, 2, 2, 1, 3, 2, 1, 2, 1, 0)	74
8317	(4, 3, 2, 1, 7, 2, 2, 5, 1, 2, 2, 1, 1, 1, 3, 0)	16
8319	(8, 2, 5, 1, 1, 2, 3, 3, 3, 1, 1, 2, 1, 1, 2, 1, 2, 5, 1, 1, 1, 4, 2, 1, 1, 1, 1, 1, 1, 0)	30
8321	(4, 3, 2, 1, 7, 4, 1, 3, 1, 3, 1, 1, 2, 2, 2, 0)	16
8323	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 1, 1, 4, 4, 1, 0)	21
8325	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 1, 3, 1, 2, 4, 0)	21
8327	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 6, 2, 1, 4, 2, 1, 1, 0)	21
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8331	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 2, 4, 2, 3, 1, 2, 1, 3, 2, 1, 0)	57
8333	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 4, 5, 3, 0)	45
8335	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 1, 4, 2, 2, 4, 2, 2, 1, 1, 1, 2, 1, 4, 1, 1, 1, 0)	40
8337	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 4, 3, 3, 1, 1, 1, 1, 2, 3, 2, 0)	57
8339	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 4, 3, 3, 1, 1, 1, 3, 1, 3, 1, 0)	57

8341	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 1, 6, 0)	45
8343	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 10, 1, 1, 0)	45
8345	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 1, 1, 2, 1, 1, 3, 2, 2, 3, 1, 2, 0)	40
8347	(4, 3, 2, 1, 1, 6, 3, 2, 6, 1, 1, 3, 1, 3, 2, 1, 1, 1, 2, 1, 0)	21
8349	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 1, 3, 1, 1, 1, 1, 4, 1, 2, 1, 3, 0)	40
8351	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 4, 2, 3, 2, 4, 1, 2, 1, 1, 1, 2, 2, 3, 1, 2, 1, 1, 2, 1, 1, 1, 5, 1, 3, 1, 1, 1, 2, 3, 2, 2, 1, 3, 1, 1, 1, 1, 2, 1, 1, 1, 1, 0)	86
8353	(10, 1, 3, 3, 1, 2, 1, 4, 1, 1, 2, 1, 2, 1, 5, 1, 1, 3, 1, 1, 2, 1, 2, 1, 1, 2, 1, 2, 2, 0)	30
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8357	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 2, 2, 1, 1, 1, 1, 4, 0)	21
8359	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 1, 2, 5, 2, 2, 2, 3, 1, 1, 5, 1, 2, 1, 3, 1, 1, 1, 1, 3, 1, 1, 1, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 0)	50
8361	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 5, 4, 1, 2, 1, 1, 1, 3, 3, 2, 1, 1, 1, 1, 1, 1, 2, 0)	40
8363	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 1, 3, 2, 2, 3, 2, 2, 2, 1, 0)	21
8365	(4, 5, 1, 5, 2, 1, 4, 2, 2, 3, 0)	11
8367	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 4, 1, 5, 1, 3, 2, 1, 1, 3, 2, 1, 1, 1, 0)	57
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8371	(4, 5, 1, 5, 2, 3, 1, 4, 3, 1, 0)	11
8373	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 3, 3, 2, 5, 0)	45
8375	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 7, 1, 1, 1, 2, 1, 3, 1, 1, 0)	21
8377	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 5, 2, 2, 2, 3, 1, 2, 2, 2, 1, 2, 1, 1, 2, 1, 3, 2, 1, 2, 0)	57
8379	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 5, 2, 2, 2, 3, 1, 2, 2, 2, 1, 2, 1, 3, 1, 1, 3, 1, 2, 1, 0)	57
8381	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 4, 1, 1, 1, 3, 2, 1, 2, 2, 1, 1, 3, 0)	38
8383	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 3, 3, 4, 1, 2, 1, 2, 4, 2, 1, 1, 1, 1, 1, 0)	57
8385	(4, 3, 2, 1, 3, 1, 2, 4, 6, 1, 2, 2, 2, 1, 1, 1, 2, 3, 2, 2, 0)	21
8387	(4, 3, 2, 1, 3, 1, 2, 4, 6, 1, 2, 2, 2, 1, 1, 3, 1, 1, 4, 1, 0)	21
8389	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 1, 4, 4, 0)	21

8391	(4, 3, 2, 1, 3, 1, 2, 4, 6, 1, 2, 4, 1, 1, 1, 3, 2, 2, 1, 1, 0)	21
8393	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 9, 1, 1, 2, 0)	45
8395	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 1, 4, 1, 1, 2, 2, 1, 4, 2, 1, 0)	21
8397	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 3, 3, 0)	21
8399	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 1, 2, 6, 2, 1, 1, 3, 1, 1, 1, 0)	21
8401	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 1, 6, 1, 2, 1, 3, 2, 0)	21
8403	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 1, 6, 3, 1, 1, 3, 1, 0)	21
8405	(4, 3, 2, 1, 1, 4, 4, 7, 0)	9
8407	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 1, 4, 6, 1, 1, 2, 1, 4, 1, 1, 0)	21
8409	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 3, 1, 1, 5, 1, 2, 0)	21
8411	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 1, 6, 1, 4, 2, 3, 1, 1, 2, 1, 0)	21
8413	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 4, 1, 1, 1, 2, 1, 1, 1, 3, 1, 3, 0)	33
8415	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 3, 2, 2, 6, 1, 3, 2, 1, 2, 3, 1, 1, 1, 1, 1, 3, 1, 1, 1, 2, 3, 1, 1, 1, 1, 0)	38
8417	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 5, 3, 2, 2, 2, 3, 3, 2, 1, 2, 1, 1, 1, 1, 1, 1, 2, 2, 0)	57
8419	(4, 3, 2, 1, 1, 4, 10, 1, 0)	9
8421	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 4, 0)	45
8423	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 0)	21
8425	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 4, 1, 2, 3, 2, 1, 1, 1, 4, 1, 1, 5, 1, 1, 1, 1, 3, 1, 2, 1, 1, 1, 3, 2, 1, 1, 1, 2, 0)	74
8427	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 5, 4, 2, 2, 1, 1, 2, 4, 1, 1, 1, 1, 2, 2, 2, 1, 1, 2, 2, 1, 0)	57
8429	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 1, 2, 1, 1, 1, 2, 1, 4, 1, 2, 3, 0)	57
8431	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 4, 1, 4, 1, 4, 1, 1, 2, 6, 1, 1, 1, 1, 2, 1, 1, 1, 0)	33
8433	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 5, 2, 0)	28
8435	(8, 2, 5, 1, 1, 2, 3, 3, 3, 1, 1, 2, 1, 1, 2, 3, 1, 0)	18
8437	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 5, 1, 1, 5, 0)	28
8439	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 1, 2, 1, 1, 3, 1, 3, 2, 3, 1, 1, 0)	57
8441	(8, 2, 3, 6, 2, 1, 2, 2, 1, 2, 1, 1, 3, 1, 2, 1, 2, 0)	18

8443	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 3, 5, 1, 3, 1, 1, 1, 1, 2, 5, 2, 2, 2, 1, 1, 2, 1, 1, 1, 1, 1, 2, 1, 2, 1, 0)	38
8445	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 4, 1, 1, 1, 1, 3, 0)	62
8447	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 3, 1, 1, 7, 1, 1, 1, 1, 1, 1, 1, 0)	57
8449	(10, 1, 1, 4, 2, 3, 1, 1, 1, 2, 2, 1, 2, 3, 2, 2, 2, 0)	18
8451	(10, 1, 1, 4, 2, 3, 1, 1, 1, 2, 2, 3, 1, 1, 2, 4, 1, 0)	18
8453	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 1, 4, 2, 4, 0)	28
8455	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 4, 3, 2, 2, 1, 1, 1, 5, 1, 1, 3, 3, 2, 2, 1, 1, 2, 1, 2, 1, 1, 2, 2, 1, 1, 2, 1, 1, 3, 2, 1, 1, 0)	74
8457	(10, 1, 1, 4, 2, 3, 1, 1, 1, 4, 1, 3, 2, 2, 1, 1, 2, 0)	18
8459	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 5, 2, 3, 2, 1, 0)	28
8461	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 3, 1, 4, 3, 0)	28
8463	(4, 5, 7, 1, 2, 1, 6, 1, 1, 1, 0)	11
8465	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 3, 3, 3, 2, 0)	28
8467	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 4, 2, 3, 2, 4, 1, 2, 1, 1, 1, 2, 2, 1, 6, 3, 1, 1, 1, 1, 1, 1, 1, 2, 1, 1, 1, 2, 1, 3, 1, 0)	74
8469	(4, 3, 2, 1, 1, 6, 3, 6, 0)	9
8471	(10, 1, 3, 3, 1, 2, 1, 4, 1, 1, 2, 1, 2, 1, 5, 1, 1, 0)	18
8473	(10, 1, 3, 3, 1, 2, 1, 4, 1, 1, 2, 3, 1, 1, 3, 1, 2, 0)	18
8475	(4, 3, 2, 1, 1, 4, 2, 2, 3, 1, 4, 2, 4, 4, 1, 1, 2, 1, 1, 1, 1, 4, 1, 2, 2, 2, 1, 3, 1, 3, 1, 1, 1, 1, 1, 2, 1, 0)	38
8477	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 3, 0)	28
8479	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 6, 4, 2, 1, 1, 1, 1, 0)	28
8481	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 1, 2, 1, 1, 1, 1, 5, 1, 2, 2, 0)	38
8483	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 3, 1, 1, 1, 1, 1, 1, 2, 5, 1, 0)	38
8485	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 3, 1, 1, 1, 1, 1, 3, 1, 1, 4, 0)	38
8487	(4, 3, 2, 1, 1, 4, 4, 5, 2, 1, 2, 3, 2, 1, 2, 1, 3, 2, 3, 1, 2, 2, 1, 1, 1, 2, 1, 1, 1, 2, 2, 1, 1, 3, 1, 1, 1, 4, 1, 1, 1, 2, 1, 2, 3, 1, 2, 1, 1, 0)	50
8489	(4, 3, 2, 1, 3, 1, 4, 3, 7, 1, 2, 2, 1, 2, 3, 1, 1, 1, 1, 2, 0)	21
8491	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 1, 2, 1, 5, 3, 1, 2, 1, 1, 1, 1, 1, 1, 3, 2, 2, 1, 0)	38
8493	(4, 3, 2, 1, 1, 10, 2, 3, 0)	9

8495	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 6, 2, 2, 2, 2, 2, 1, 1, 1, 0)	28
8497	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 5, 2, 2, 2, 1, 4, 2, 0)	45
8499	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 5, 2, 2, 2, 3, 3, 1, 0)	45
8501	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 3, 5, 0)	45
8503	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 1, 5, 1, 2, 1, 2, 1, 1, 3, 3, 2, 1, 1, 3, 1, 1, 0)	28
8505	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 1, 5, 1, 2, 3, 1, 1, 1, 3, 2, 1, 1, 2, 2, 1, 2, 0)	28
8507	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 2, 6, 1, 2, 1, 0)	26
8509	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 3, 1, 1, 3, 0)	26
8511	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 4, 1, 1, 3, 1, 1, 1, 1, 5, 5, 1, 2, 1, 4, 1, 3, 1, 2, 1, 1, 1, 2, 2, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 4, 1, 1, 1, 2, 2, 3, 2, 1, 1, 1, 3, 1, 1, 1, 1, 1, 0)	74
8513	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 5, 2, 2, 0)	45
8515	(4, 9, 4, 2, 1, 1, 2, 1, 4, 1, 0)	11
8517	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 4, 1, 1, 3, 4, 0)	45
8519	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 5, 3, 2, 1, 1, 2, 3, 1, 1, 1, 1, 1, 5, 2, 2, 1, 1, 1, 1, 2, 2, 1, 1, 0)	57
8521	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 3, 3, 2, 3, 1, 1, 2, 0)	26
8523	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 4, 1, 5, 2, 1, 0)	45
8525	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 3, 1, 3, 2, 1, 1, 1, 3, 3, 0)	26
8527	(4, 3, 2, 1, 7, 4, 1, 1, 2, 3, 4, 2, 2, 4, 1, 2, 1, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 1, 1, 3, 2, 1, 3, 1, 2, 1, 1, 1, 1, 2, 3, 1, 1, 1, 0)	45
8529	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 3, 1, 5, 1, 1, 1, 1, 3, 2, 0)	26
8531	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 2, 2, 1, 4, 5, 1, 1, 2, 2, 1, 1, 1, 1, 1, 3, 1, 0)	62
8533	(4, 3, 2, 1, 3, 1, 2, 10, 0)	9
8535	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 5, 3, 2, 4, 1, 1, 0)	45
8537	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 4, 1, 2, 3, 2, 1, 1, 1, 2, 2, 1, 1, 2, 4, 1, 2, 0)	62
8539	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 9, 2, 1, 1, 2, 1, 0)	45
8541	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 4, 1, 3, 0)	21
8543	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 4, 1, 2, 3, 2, 1, 1, 1, 4, 1, 1, 5, 1, 1, 1, 1, 0)	62
8545	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 5, 4, 2, 2, 1, 1, 2, 2, 0)	45

8547	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 4, 1, 2, 6, 1, 0)	21
8549	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 4, 1, 4, 1, 4, 0)	21
8551	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 4, 3, 4, 1, 4, 1, 1, 1, 1, 2, 1, 1, 0)	26
8553	(4, 3, 2, 5, 4, 1, 2, 3, 1, 1, 6, 1, 1, 1, 2, 0)	16
8555	(4, 3, 2, 5, 4, 1, 2, 3, 1, 3, 3, 1, 2, 2, 1, 0)	16
8557	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 3, 5, 1, 3, 1, 1, 1, 1, 2, 1, 1, 2, 3, 0)	26
8559	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 3, 5, 1, 1, 2, 1, 1, 5, 1, 2, 1, 1, 1, 0)	26
8561	(8, 2, 3, 6, 2, 0)	6
8563	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 5, 2, 1, 3, 2, 3, 1, 0)	45
8565	(8, 2, 5, 1, 5, 0)	6
8567	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 3, 1, 1, 0)	45
8569	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 5, 2, 2, 1, 2, 4, 1, 1, 1, 1, 1, 2, 1, 2, 0)	26
8571	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 4, 3, 2, 2, 1, 1, 1, 5, 1, 1, 1, 4, 1, 1, 2, 2, 2, 1, 2, 1, 0)	62
8573	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 2, 2, 1, 1, 2, 1, 2, 3, 1, 4, 1, 1, 1, 3, 0)	62
8575	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 7, 1, 6, 1, 1, 1, 1, 1, 1, 0)	45
8577	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 3, 5, 1, 2, 2, 2, 0)	21
8579	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 1, 2, 1, 1, 2, 3, 4, 1, 0)	26
8581	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 1, 2, 1, 3, 1, 1, 2, 4, 0)	26
8583	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 1, 2, 1, 1, 6, 2, 1, 1, 0)	26
8585	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 4, 2, 3, 2, 4, 1, 2, 1, 1, 1, 2, 2, 3, 1, 2, 1, 1, 2, 0)	62
8587	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 7, 1, 2, 1, 1, 3, 2, 1, 0)	45
8589	(10, 1, 1, 6, 3, 0)	6
8591	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 3, 1, 1, 3, 4, 1, 1, 1, 0)	26
8593	(8, 6, 2, 3, 2, 0)	6
8595	(8, 8, 1, 3, 1, 0)	6
8597	(10, 1, 3, 1, 6, 0)	6
8599	(4, 3, 2, 1, 3, 3, 3, 6, 1, 1, 1, 1, 1, 1, 3, 2, 1, 6, 1, 1, 0)	21
8601	(4, 3, 2, 1, 3, 3, 3, 6, 1, 1, 1, 1, 1, 1, 3, 2, 3, 3, 1, 2, 0)	21

8603	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 5, 3, 2, 3, 2, 2, 1, 3, 1, 1, 4, 1, 1, 2, 1, 3, 1, 1, 1, 2, 1, 0)	62
8605	(4, 3, 2, 1, 1, 4, 4, 5, 2, 1, 2, 3, 2, 1, 2, 1, 3, 2, 3, 1, 2, 2, 1, 1, 1, 2, 1, 1, 1, 2, 2, 1, 1, 1, 2, 1, 3, 0)	38
8607	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 1, 4, 2, 3, 2, 1, 4, 2, 1, 2, 2, 2, 1, 2, 1, 1, 1, 1, 0)	62
8609	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 3, 1, 6, 1, 1, 1, 1, 2, 1, 2, 3, 1, 1, 2, 2, 1, 2, 2, 0)	62
8611	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 1, 2, 1, 5, 1, 0)	26
8613	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 4, 0)	26
8615	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 3, 3, 2, 2, 1, 2, 1, 2, 1, 4, 2, 1, 2, 1, 1, 0)	26
8617	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 3, 3, 1, 4, 2, 4, 1, 1, 2, 1, 1, 3, 1, 1, 1, 1, 1, 2, 0)	62
8619	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 1, 1, 1, 1, 4, 2, 1, 1, 1, 3, 1, 1, 1, 2, 1, 1, 4, 1, 2, 1, 2, 3, 1, 1, 1, 2, 2, 2, 1, 0)	50
8621	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 2, 2, 1, 5, 1, 2, 1, 2, 3, 2, 1, 2, 2, 2, 3, 1, 1, 2, 1, 1, 1, 1, 1, 3, 2, 1, 1, 1, 1, 1, 1, 1, 1, 1, 2, 1, 2, 2, 3, 0)	62
8623	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 4, 1, 1, 1, 1, 1, 1, 1, 1, 3, 4, 2, 1, 1, 1, 0)	26
8625	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 1, 3, 4, 2, 0)	16
8627	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 1, 5, 3, 1, 0)	16
8629	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 5, 0)	16
8631	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 3, 2, 2, 2, 2, 2, 3, 1, 3, 1, 1, 0)	45
8633	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 5, 2, 1, 2, 0)	16
8635	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 1, 2, 2, 2, 4, 1, 2, 3, 1, 2, 1, 0)	62
8637	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 5, 3, 2, 1, 1, 2, 1, 2, 1, 1, 3, 0)	45
8639	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 2, 5, 3, 3, 6, 1, 1, 2, 1, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 1, 1, 1, 1, 1, 0)	38
8641	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 1, 4, 3, 2, 1, 1, 1, 1, 3, 2, 2, 0)	62
8643	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 1, 4, 5, 1, 1, 1, 1, 1, 1, 4, 1, 0)	62
8645	(4, 3, 2, 1, 3, 1, 8, 4, 0)	9

8647	(4, 5, 1, 1, 3, 4, 2, 4, 3, 2, 2, 2, 2, 1, 1, 0)	16
8649	(4, 5, 1, 1, 5, 1, 2, 2, 2, 4, 2, 4, 1, 1, 2, 0)	16
8651	(4, 5, 1, 1, 5, 1, 2, 2, 4, 1, 2, 2, 4, 2, 1, 0)	16
8653	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 2, 2, 3, 3, 0)	50
8655	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 3, 1, 1, 3, 2, 1, 1, 4, 2, 1, 3, 1, 1, 1, 0)	62
8657	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 4, 1, 3, 2, 0)	50
8659	(4, 5, 1, 1, 3, 6, 3, 2, 1, 3, 2, 1, 1, 3, 1, 0)	16
8661	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 7, 0)	14
8663	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 6, 2, 2, 1, 3, 1, 2, 2, 1, 1, 4, 1, 1, 0)	45
8665	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 2, 6, 1, 2, 0)	50
8667	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 3, 1, 3, 2, 3, 2, 1, 1, 2, 5, 1, 1, 2, 1, 0)	45
8669	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 4, 3, 1, 3, 0)	50
8671	(4, 3, 2, 1, 3, 7, 2, 1, 4, 1, 4, 3, 1, 1, 1, 3, 1, 1, 1, 1, 0)	21
8673	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 8, 1, 1, 1, 2, 2, 0)	50
8675	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 7, 1, 0)	14
8677	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 1, 4, 2, 1, 3, 1, 2, 1, 1, 2, 1, 4, 0)	26
8679	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 7, 3, 2, 1, 1, 1, 1, 1, 2, 1, 2, 2, 1, 1, 3, 1, 1, 2, 1, 1, 0)	62
8681	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 1, 4, 2, 1, 1, 6, 1, 2, 1, 1, 1, 2, 0)	26
8683	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 2, 2, 1, 1, 1, 1, 4, 3, 2, 2, 1, 3, 2, 1, 1, 1, 2, 1, 1, 1, 1, 2, 2, 1, 0)	38
8685	(4, 5, 1, 1, 5, 3, 3, 2, 1, 1, 3, 2, 1, 2, 3, 0)	16
8687	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 0)	38
8689	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 5, 2, 0)	14
8691	(4, 5, 1, 1, 5, 3, 5, 1, 1, 1, 3, 1, 2, 3, 1, 0)	16

8693	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 4, 3, 2, 2, 1, 1, 1, 5, 0)	50
8695	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 3, 1, 1, 1, 1, 1, 3, 1, 3, 3, 1, 1, 2, 2, 1, 1, 2, 4, 2, 2, 1, 1, 1, 1, 1, 2, 2, 1, 4, 1, 1, 1, 1, 1, 1, 2, 3, 1, 1, 0)	67
8697	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 3, 3, 4, 1, 2, 1, 2, 4, 2, 1, 1, 1, 1, 1, 2, 1, 1, 1, 1, 1, 2, 1, 1, 4, 2, 2, 2, 1, 2, 1, 2, 0)	74
8699	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 3, 3, 4, 1, 2, 1, 2, 4, 2, 1, 1, 1, 1, 1, 2, 1, 1, 1, 1, 1, 2, 1, 3, 1, 2, 4, 1, 2, 1, 2, 1, 0)	74
8701	(4, 3, 2, 1, 1, 4, 4, 1, 5, 3, 1, 1, 1, 5, 1, 2, 1, 3, 2, 1, 1, 1, 1, 1, 3, 0)	26
8703	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 7, 1, 1, 1, 2, 1, 3, 1, 1, 3, 2, 5, 1, 2, 1, 1, 2, 2, 1, 1, 1, 1, 1, 1, 1, 1, 0)	38
8705	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 2, 2, 1, 3, 2, 1, 1, 4, 1, 2, 2, 2, 2, 0)	62
8707	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 4, 2, 3, 2, 4, 1, 0)	50
8709	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 2, 4, 0)	50
8711	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 3, 1, 1, 2, 1, 2, 2, 2, 1, 4, 1, 2, 1, 1, 2, 3, 2, 1, 1, 0)	38
8713	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 4, 6, 2, 1, 1, 2, 0)	50
8715	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 3, 3, 2, 1, 0)	50
8717	(4, 3, 2, 1, 1, 4, 2, 2, 3, 1, 4, 4, 3, 0)	14
8719	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 4, 1, 1, 1, 4, 2, 2, 1, 1, 5, 1, 1, 1, 0)	62
8721	(4, 3, 2, 1, 1, 4, 2, 2, 3, 1, 6, 3, 2, 0)	14
8723	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 5, 3, 2, 3, 2, 2, 1, 3, 1, 0)	50
8725	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 6, 0)	14
8727	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 1, 4, 2, 5, 1, 1, 0)	50
8729	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 1, 6, 1, 3, 1, 2, 0)	50

8731	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 3, 1, 7, 1, 1, 1, 1, 1, 2, 3, 4, 1, 1, 1, 1, 2, 1, 0)	45
8733	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 3, 1, 4, 2, 1, 3, 0)	50
8735	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 9, 2, 3, 2, 2, 1, 1, 1, 1, 0)	50
8737	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 3, 3, 3, 1, 2, 2, 0)	50
8739	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 3, 5, 1, 0)	14
8741	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 1, 1, 1, 1, 4, 2, 1, 1, 1, 3, 1, 1, 1, 2, 1, 1, 4, 0)	38
8743	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 1, 1, 1, 1, 4, 2, 1, 1, 1, 1, 2, 1, 5, 1, 2, 1, 1, 0)	38
8745	(4, 3, 8, 1, 4, 1, 5, 2, 1, 2, 1, 1, 1, 1, 2, 0)	16
8747	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 0)	14
8749	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 1, 2, 5, 1, 1, 1, 2, 1, 3, 2, 3, 0)	26
8751	(4, 3, 8, 7, 2, 1, 1, 2, 1, 1, 2, 2, 1, 1, 1, 0)	16
8753	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 1, 2, 5, 1, 1, 3, 1, 1, 1, 4, 2, 0)	26
8755	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 1, 2, 5, 1, 1, 3, 1, 1, 3, 3, 1, 0)	26
8757	(4, 3, 2, 1, 3, 3, 5, 5, 0)	9
8759	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 2, 2, 1, 1, 1, 1, 1, 2, 4, 1, 2, 2, 1, 3, 2, 3, 1, 1, 1, 1, 3, 1, 1, 0)	79
8761	(4, 3, 2, 1, 7, 2, 2, 5, 1, 4, 1, 1, 1, 1, 1, 2, 2, 2, 1, 2, 0)	21
8763	(4, 3, 2, 1, 1, 4, 2, 2, 7, 4, 1, 2, 1, 0)	14
8765	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 1, 3, 1, 2, 2, 1, 4, 1, 1, 3, 0)	26
8767	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 1, 1, 4, 2, 6, 1, 1, 1, 1, 1, 0)	26
8769	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 1, 2, 1, 3, 4, 2, 2, 0)	50
8771	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 1, 2, 1, 5, 1, 4, 1, 0)	50
8773	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 1, 2, 3, 4, 0)	50
8775	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 4, 3, 6, 1, 2, 2, 1, 1, 0)	50

8777	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 4, 5, 3, 1, 3, 1, 1, 2, 0)	50
8779	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 1, 6, 2, 1, 0)	50
8781	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 3, 3, 0)	50
8783	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 4, 3, 3, 1, 1, 1, 3, 1, 1, 2, 3, 3, 1, 1, 1, 0)	62
8785	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 8, 2, 1, 2, 1, 1, 3, 2, 0)	50
8787	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 8, 2, 3, 1, 1, 1, 3, 1, 0)	50
8789	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 8, 0)	33
8791	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 1, 3, 1, 1, 1, 1, 4, 1, 2, 1, 1, 1, 3, 4, 1, 1, 0)	45
8793	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 1, 3, 1, 1, 1, 1, 4, 3, 1, 1, 1, 1, 1, 4, 1, 2, 0)	45
8795	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 1, 3, 1, 1, 1, 1, 2, 6, 1, 2, 1, 2, 1, 1, 2, 1, 0)	45
8797	(4, 3, 2, 1, 3, 9, 1, 3, 0)	9
8799	(10, 1, 3, 3, 1, 2, 1, 4, 1, 1, 2, 1, 2, 1, 5, 1, 1, 3, 1, 1, 2, 1, 2, 1, 1, 2, 1, 2, 2, 4, 1, 1, 1, 1, 0)	35
8801	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 2, 2, 1, 1, 1, 1, 2, 4, 1, 1, 2, 2, 0)	26
8803	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 3, 3, 2, 1, 2, 2, 1, 6, 1, 0)	50
8805	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 3, 3, 2, 1, 2, 2, 3, 1, 4, 0)	50
8807	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 0)	26
8809	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 1, 3, 2, 2, 3, 2, 2, 2, 1, 3, 1, 1, 1, 2, 0)	26
8811	(4, 5, 1, 5, 2, 1, 4, 2, 2, 3, 2, 1, 2, 2, 1, 0)	16
8813	(4, 5, 1, 5, 2, 3, 1, 2, 4, 2, 1, 1, 1, 2, 3, 0)	16
8815	(4, 5, 1, 5, 2, 1, 6, 3, 2, 2, 1, 2, 1, 1, 1, 0)	16
8817	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 7, 2, 0)	33
8819	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 7, 1, 1, 1, 2, 1, 1, 2, 1, 1, 2, 2, 3, 1, 0)	26
8821	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 5, 0)	14

8823	(4, 3, 2, 1, 1, 4, 4, 1, 3, 6, 3, 1, 1, 0)	14
8825	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 3, 5, 1, 5, 1, 1, 2, 1, 2, 0)	50
8827	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 4, 1, 1, 1, 3, 2, 1, 2, 2, 1, 1, 1, 4, 2, 1, 2, 1, 0)	43
8829	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 3, 3, 4, 1, 2, 1, 2, 4, 2, 1, 1, 1, 1, 1, 2, 1, 1, 1, 3, 0)	62
8831	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 2, 2, 1, 5, 4, 1, 3, 1, 2, 1, 2, 1, 1, 1, 1, 1, 1, 0)	43
8833	(4, 3, 2, 1, 3, 1, 2, 4, 6, 1, 2, 2, 2, 1, 1, 3, 1, 1, 4, 1, 1, 1, 2, 2, 2, 0)	26
8835	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 5, 4, 1, 0)	33
8837	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 3, 1, 1, 2, 1, 2, 4, 0)	26
8839	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 1, 2, 3, 4, 2, 1, 1, 0)	26
8841	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 9, 1, 3, 1, 1, 2, 1, 1, 2, 0)	50
8843	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 3, 1, 3, 1, 3, 2, 1, 0)	26
8845	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 3, 1, 1, 5, 3, 0)	33
8847	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 1, 2, 6, 2, 1, 1, 3, 1, 1, 1, 1, 4, 1, 1, 1, 0)	26
8849	(4, 3, 2, 1, 1, 4, 4, 5, 2, 1, 2, 3, 2, 0)	14
8851	(4, 3, 2, 1, 1, 4, 4, 5, 2, 3, 1, 3, 1, 0)	14
8853	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 6, 0)	50
8855	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 3, 1, 7, 1, 1, 0)	33
8857	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 4, 1, 1, 1, 2, 1, 1, 1, 1, 2, 3, 1, 2, 3, 1, 2, 0)	38
8859	(4, 3, 2, 1, 3, 1, 2, 6, 3, 5, 4, 1, 1, 1, 1, 4, 1, 1, 1, 2, 1, 1, 1, 2, 1, 0)	26
8861	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 3, 2, 2, 6, 1, 3, 2, 1, 2, 3, 1, 1, 1, 1, 1, 3, 1, 1, 1, 2, 1, 2, 1, 1, 1, 2, 1, 2, 1, 3, 0)	43
8863	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 1, 6, 3, 3, 1, 2, 3, 3, 1, 1, 2, 1, 1, 1, 1, 0)	26
8865	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 5, 3, 2, 2, 2, 3, 3, 2, 1, 2, 1, 1, 1, 1, 1, 1, 2, 2, 1, 2, 1, 2, 2, 0)	62
8867	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 3, 1, 1, 1, 1, 5, 1, 0)	50
8869	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 1, 1, 1, 1, 4, 0)	26
8871	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 3, 1, 1, 1, 2, 2, 4, 2, 1, 2, 1, 2, 1, 1, 0)	26

8873	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 9, 2, 1, 1, 2, 3, 1, 4, 1, 1, 1, 4, 1, 2, 1, 1, 1, 1, 1, 1, 1, 1, 2, 0)	62
8875	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 5, 2, 2, 2, 2, 1, 0)	33
8877	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 5, 1, 1, 1, 3, 2, 2, 2, 3, 0)	33
8879	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 1, 2, 1, 1, 1, 2, 1, 4, 1, 2, 3, 3, 2, 1, 1, 1, 0)	62
8881	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 2, 2, 1, 1, 1, 1, 1, 2, 2, 4, 2, 0)	67
8883	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 2, 2, 1, 1, 1, 1, 1, 2, 4, 3, 1, 0)	67
8885	(4, 3, 2, 1, 7, 2, 2, 5, 0)	9
8887	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 5, 1, 1, 5, 2, 1, 3, 1, 1, 0)	33
8889	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 2, 2, 1, 1, 1, 1, 3, 3, 2, 1, 2, 0)	67
8891	(8, 2, 3, 6, 2, 1, 2, 2, 1, 2, 1, 1, 3, 1, 2, 1, 2, 1, 3, 1, 2, 1, 0)	23
8893	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 4, 1, 1, 1, 1, 1, 3, 2, 1, 1, 3, 0)	67
8895	(8, 2, 5, 1, 1, 6, 4, 3, 1, 2, 1, 2, 1, 1, 1, 2, 2, 1, 1, 1, 1, 1, 0)	23
8897	(4, 3, 2, 1, 9, 3, 2, 2, 0)	9
8899	(10, 1, 1, 4, 2, 3, 1, 1, 1, 2, 2, 3, 1, 1, 2, 2, 2, 2, 1, 1, 4, 1, 0)	23
8901	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 2, 4, 4, 0)	50
8903	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 1, 4, 2, 2, 4, 2, 2, 1, 1, 0)	33
8905	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 3, 1, 2, 2, 2, 5, 1, 1, 2, 0)	33
8907	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 3, 1, 2, 4, 1, 1, 4, 2, 1, 0)	33
8909	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 4, 3, 3, 0)	50
8911	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 5, 2, 5, 1, 1, 1, 3, 1, 1, 1, 0)	33
8913	(4, 3, 2, 1, 1, 6, 3, 2, 4, 2, 1, 3, 2, 0)	14
8915	(4, 3, 2, 1, 1, 6, 3, 2, 6, 1, 1, 3, 1, 0)	14
8917	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 7, 0)	14

8919	(4, 3, 2, 1, 1, 6, 3, 4, 3, 1, 4, 1, 1, 0)	14
8921	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 3, 5, 1, 2, 0)	50
8923	(10, 1, 3, 3, 1, 2, 1, 4, 1, 1, 2, 1, 2, 1, 5, 1, 1, 3, 1, 1, 2, 1, 0)	23
8925	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 1, 3, 1, 3, 0)	33
8927	(4, 3, 2, 1, 1, 6, 5, 5, 3, 1, 1, 1, 1, 0)	14
8929	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 5, 4, 1, 2, 1, 1, 1, 1, 2, 2, 0)	33
8931	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 8, 1, 0)	14
8933	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 4, 1, 3, 2, 1, 4, 0)	50
8935	(4, 3, 2, 1, 3, 3, 3, 6, 1, 1, 1, 1, 1, 1, 3, 2, 1, 4, 2, 3, 6, 1, 2, 1, 1, 1, 1, 1, 2, 1, 1, 2, 1, 1, 2, 1, 1, 0)	38
8937	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 5, 3, 1, 2, 3, 1, 3, 1, 1, 2, 2, 1, 1, 1, 2, 0)	33
8939	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 3, 1, 1, 1, 1, 1, 3, 1, 3, 3, 1, 1, 2, 2, 1, 0)	43
8941	(4, 3, 2, 1, 1, 10, 2, 1, 1, 3, 1, 2, 3, 0)	14
8943	(4, 3, 2, 1, 1, 4, 4, 5, 2, 1, 2, 3, 2, 1, 2, 1, 3, 2, 3, 1, 2, 2, 1, 1, 1, 2, 1, 1, 1, 2, 2, 1, 1, 1, 2, 7, 1, 1, 1, 1, 1, 4, 1, 1, 2, 1, 2, 1, 1, 1, 2, 1, 1, 1, 0)	55
8945	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 5, 2, 0)	14
8947	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 6, 2, 2, 2, 2, 2, 1, 1, 1, 1, 1, 2, 3, 1, 0)	33
8949	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 2, 2, 1, 1, 5, 0)	31
8951	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 5, 2, 2, 2, 3, 1, 2, 2, 2, 3, 1, 1, 0)	50
8953	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 3, 3, 4, 1, 2, 1, 2, 0)	50
8955	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 1, 5, 1, 2, 1, 2, 1, 1, 1, 4, 3, 2, 1, 2, 2, 1, 1, 2, 1, 2, 1, 0)	33
8957	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 7, 2, 1, 1, 1, 1, 3, 0)	50
8959	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 7, 2, 1, 1, 2, 2, 1, 2, 2, 1, 2, 2, 1, 1, 4, 1, 3, 1, 1, 1, 1, 3, 1, 2, 2, 1, 2, 1, 1, 3, 1, 1, 2, 2, 2, 2, 1, 1, 1, 1, 1, 1, 1, 0)	91
8961	(4, 3, 2, 1, 3, 1, 2, 4, 4, 4, 2, 2, 2, 0)	14
8963	(4, 3, 2, 1, 3, 1, 2, 4, 6, 1, 2, 4, 1, 0)	14
8965	(4, 3, 2, 1, 3, 1, 2, 6, 1, 2, 3, 2, 4, 0)	14

8967	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 5, 2, 2, 1, 3, 2, 1, 1, 0)	50
8969	(4, 9, 4, 2, 1, 1, 2, 1, 4, 1, 2, 2, 1, 1, 2, 0)	16
8971	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 4, 1, 1, 5, 1, 1, 2, 3, 2, 1, 0)	50
8973	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 1, 4, 3, 0)	14
8975	(4, 3, 2, 1, 3, 1, 2, 6, 1, 8, 1, 1, 1, 0)	14
8977	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 3, 3, 2, 0)	14
8979	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 3, 1, 3, 2, 1, 1, 1, 3, 3, 1, 2, 1, 3, 1, 0)	31
8981	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 1, 4, 6, 0)	14
8983	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 2, 2, 1, 4, 5, 1, 1, 2, 2, 1, 1, 1, 1, 1, 1, 2, 1, 1, 5, 1, 1, 0)	67
8985	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 2, 2, 1, 4, 5, 1, 1, 2, 2, 1, 1, 1, 1, 1, 3, 1, 1, 1, 3, 1, 2, 0)	67
8987	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 3, 2, 2, 6, 1, 3, 2, 1, 2, 3, 1, 1, 1, 1, 1, 1, 2, 1, 0)	31
8989	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 2, 2, 1, 3, 0)	26
8991	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 5, 3, 2, 4, 1, 3, 2, 1, 1, 1, 1, 0)	50
8993	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 4, 1, 1, 1, 4, 1, 2, 2, 0)	26
8995	(4, 3, 2, 1, 3, 1, 4, 1, 2, 5, 2, 5, 1, 0)	14
8997	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 4, 0)	14
8999	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 4, 1, 2, 3, 2, 1, 1, 1, 4, 1, 1, 5, 1, 1, 1, 1, 3, 1, 2, 1, 1, 0)	67
9001	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 5, 4, 2, 2, 1, 1, 2, 4, 1, 1, 1, 1, 2, 0)	50
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9005	(8, 2, 5, 1, 1, 2, 1, 4, 2, 3, 0)	11
9007	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 4, 1, 4, 3, 3, 2, 2, 1, 1, 1, 0)	26
9009	(8, 2, 5, 1, 1, 2, 3, 1, 4, 2, 0)	11
9011	(8, 2, 5, 1, 1, 2, 3, 3, 3, 1, 0)	11
9013	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 3, 5, 0)	14

9015	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 3, 5, 1, 3, 1, 1, 1, 1, 2, 1, 3, 1, 3, 1, 1, 3, 1, 1, 0)	31
9017	(8, 2, 3, 6, 2, 1, 2, 2, 1, 2, 0)	11
9019	(8, 2, 5, 1, 3, 1, 5, 1, 2, 1, 0)	11
9021	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 3, 1, 1, 3, 0)	50
9023	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 3, 1, 1, 1, 1, 1, 0)	55
9025	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 7, 2, 2, 0)	14
9027	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 2, 2, 1, 1, 2, 1, 2, 3, 1, 4, 1, 1, 1, 1, 2, 2, 1, 4, 1, 0)	67
9029	(10, 1, 1, 4, 2, 1, 2, 1, 3, 4, 0)	11
9031	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 4, 3, 2, 2, 1, 1, 1, 5, 1, 1, 3, 3, 2, 2, 1, 1, 2, 1, 2, 1, 1, 2, 2, 1, 1, 0)	67
9033	(4, 3, 2, 1, 3, 1, 4, 1, 8, 3, 1, 1, 2, 0)	14
9035	(10, 1, 1, 4, 2, 1, 2, 5, 2, 1, 0)	11
9037	(10, 1, 1, 4, 2, 3, 1, 1, 3, 3, 0)	11
9039	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 1, 2, 1, 3, 1, 1, 2, 4, 2, 3, 1, 1, 1, 0)	31
9041	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 4, 2, 3, 2, 4, 1, 2, 1, 1, 1, 2, 2, 3, 1, 2, 1, 1, 2, 1, 1, 1, 3, 2, 0)	67
9043	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 4, 2, 3, 2, 4, 1, 2, 1, 1, 1, 2, 2, 3, 1, 2, 1, 3, 1, 1, 1, 1, 3, 1, 0)	67
9045	(4, 5, 9, 0)	4
9047	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 3, 1, 1, 3, 2, 2, 1, 1, 1, 2, 4, 1, 1, 0)	31
9049	(4, 3, 2, 1, 3, 1, 4, 3, 1, 5, 4, 1, 2, 0)	14
9051	(4, 3, 2, 1, 1, 4, 2, 2, 3, 1, 4, 2, 4, 4, 1, 1, 2, 1, 1, 1, 1, 4, 1, 2, 2, 2, 1, 1, 2, 1, 0)	31
9053	(10, 1, 3, 3, 1, 2, 1, 4, 1, 3, 0)	11
9055	(10, 1, 3, 1, 4, 6, 1, 1, 1, 1, 0)	11
9057	(4, 3, 2, 1, 3, 3, 3, 6, 1, 1, 1, 1, 1, 1, 3, 2, 1, 6, 1, 1, 2, 1, 1, 2, 2, 0)	26
9059	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 6, 1, 0)	21
9061	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 5, 1, 4, 0)	21
9063	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 4, 1, 3, 1, 2, 1, 2, 7, 2, 1, 2, 1, 1, 1, 1, 1, 2, 1, 1, 0)	31

9065	(4, 3, 2, 1, 1, 4, 4, 5, 2, 1, 2, 3, 2, 1, 2, 1, 3, 2, 3, 1, 2, 2, 1, 1, 1, 2, 1, 1, 1, 2, 2, 1, 1, 3, 1, 1, 1, 4, 1, 1, 1, 2, 0)	43
9067	(4, 3, 2, 1, 3, 1, 4, 3, 7, 1, 2, 2, 1, 0)	14
9069	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 1, 2, 3, 0)	31
9071	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 1, 2, 1, 5, 3, 1, 2, 1, 1, 1, 0)	31
9073	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 6, 2, 0)	21
9075	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 5, 2, 3, 1, 0)	21
9077	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 3, 1, 5, 0)	21
9079	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 2, 2, 1, 5, 1, 2, 1, 2, 3, 2, 1, 2, 2, 2, 3, 1, 1, 2, 1, 1, 1, 1, 1, 3, 2, 1, 1, 1, 1, 1, 1, 1, 1, 1, 2, 1, 2, 2, 1, 2, 3, 3, 1, 1, 0)	67
9081	(4, 3, 6, 4, 4, 3, 1, 1, 3, 1, 1, 1, 2, 5, 1, 1, 2, 1, 1, 1, 2, 2, 2, 1, 1, 2, 1, 1, 1, 2, 1, 2, 0)	33
9083	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 4, 1, 1, 1, 1, 1, 1, 1, 1, 3, 4, 2, 1, 1, 1, 2, 2, 1, 2, 1, 0)	31
9085	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 1, 5, 1, 2, 3, 1, 1, 1, 3, 0)	21
9087	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 2, 2, 1, 5, 1, 2, 1, 2, 3, 2, 1, 2, 2, 2, 3, 1, 1, 2, 1, 1, 1, 1, 1, 3, 2, 1, 1, 1, 1, 1, 1, 1, 1, 3, 1, 5, 1, 3, 1, 1, 1, 1, 1, 1, 0)	67
9089	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 3, 2, 2, 2, 2, 2, 3, 1, 1, 2, 1, 2, 1, 2, 2, 2, 0)	50
9091	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 5, 3, 2, 1, 1, 2, 1, 2, 1, 1, 1, 1, 1, 3, 4, 1, 0)	50
9093	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 5, 3, 2, 1, 1, 2, 3, 1, 1, 1, 1, 1, 1, 1, 2, 4, 0)	50
9095	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 5, 3, 2, 1, 1, 2, 1, 2, 1, 1, 1, 1, 5, 2, 1, 1, 0)	50
9097	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 2, 5, 1, 4, 1, 6, 2, 1, 2, 2, 1, 2, 2, 1, 1, 1, 1, 2, 1, 1, 1, 2, 1, 2, 1, 2, 1, 1, 2, 0)	43
9099	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 2, 5, 3, 3, 6, 1, 1, 2, 1, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 1, 1, 1, 1, 1, 1, 1, 3, 2, 1, 0)	43
9101	(4, 11, 3, 0)	4
9103	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 1, 4, 5, 1, 1, 1, 1, 1, 1, 2, 2, 2, 4, 1, 1, 1, 0)	67
9105	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 2, 2, 1, 2, 2, 2, 2, 3, 2, 0)	55
9107	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 2, 2, 1, 2, 2, 4, 1, 3, 1, 0)	55

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9111	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 3, 2, 2, 6, 1, 1, 0)	19
9113	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 3, 2, 4, 3, 1, 2, 0)	19
9115	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 2, 2, 3, 5, 1, 1, 1, 2, 1, 0)	55
9117	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 4, 1, 3, 2, 1, 1, 2, 1, 3, 0)	55
9119	(4, 5, 1, 1, 5, 1, 2, 2, 4, 3, 3, 2, 1, 4, 1, 2, 1, 1, 1, 1, 0)	21
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9127	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 2, 4, 4, 2, 2, 1, 2, 1, 1, 0)	55
9129	(4, 5, 1, 1, 5, 1, 2, 4, 5, 1, 4, 1, 2, 2, 1, 1, 1, 1, 1, 2, 0)	21
9131	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 4, 3, 1, 3, 1, 2, 2, 2, 1, 0)	55
9133	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 5, 2, 1, 1, 2, 2, 3, 0)	19
9135	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 8, 2, 1, 1, 1, 0)	19
9137	(4, 3, 2, 5, 2, 4, 4, 2, 0)	9
9139	(4, 3, 2, 5, 2, 6, 3, 1, 0)	9
9141	(4, 3, 2, 5, 4, 1, 2, 5, 0)	9
9143	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 3, 5, 1, 3, 1, 1, 0)	19
9145	(4, 5, 1, 1, 5, 3, 3, 2, 1, 1, 3, 2, 1, 2, 1, 1, 4, 2, 1, 2, 0)	21
9147	(4, 5, 1, 1, 5, 3, 3, 2, 1, 1, 3, 2, 1, 2, 1, 3, 3, 1, 2, 1, 0)	21
9149	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 3, 0)	43
9151	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 1, 6, 1, 1, 3, 6, 1, 1, 1, 2, 1, 2, 1, 1, 1, 1, 1, 0)	31
9153	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 4, 3, 2, 2, 1, 1, 1, 3, 2, 1, 3, 2, 2, 0)	55
9155	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 4, 3, 2, 2, 1, 1, 1, 5, 1, 1, 1, 4, 1, 0)	55

9157	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 5, 4, 0)	38
9159	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 3, 1, 1, 1, 1, 1, 3, 1, 3, 3, 1, 1, 2, 2, 1, 1, 2, 4, 2, 2, 1, 1, 1, 1, 1, 2, 2, 1, 4, 1, 1, 1, 1, 1, 1, 2, 3, 1, 1, 2, 2, 2, 1, 1, 0)	72
9161	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 4, 3, 4, 1, 1, 1, 1, 3, 1, 4, 1, 1, 2, 0)	55
9163	(4, 3, 2, 7, 3, 4, 2, 1, 0)	9
9165	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 2, 2, 1, 1, 2, 3, 3, 0)	55
9167	(4, 3, 2, 1, 1, 4, 4, 1, 5, 3, 1, 1, 1, 5, 1, 2, 1, 5, 1, 1, 1, 1, 1, 1, 3, 1, 3, 1, 1, 1, 0)	31
9169	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 2, 2, 1, 3, 1, 3, 2, 0)	55
9171	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 4, 2, 3, 2, 4, 1, 2, 1, 1, 3, 1, 0)	55
9173	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 7, 0)	38
9175	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 3, 1, 1, 2, 1, 2, 2, 2, 1, 4, 1, 2, 1, 1, 2, 3, 2, 1, 1, 1, 1, 4, 1, 1, 0)	43
9177	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 8, 1, 2, 0)	38
9179	(4, 3, 2, 1, 1, 4, 2, 2, 3, 1, 4, 2, 4, 4, 1, 1, 2, 1, 0)	19
9181	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 3, 1, 3, 0)	19
9183	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 1, 5, 1, 2, 1, 2, 1, 1, 3, 3, 2, 1, 1, 3, 1, 1, 6, 3, 1, 2, 1, 2, 4, 2, 1, 1, 1, 1, 2, 1, 2, 1, 1, 1, 2, 1, 1, 1, 2, 1, 1, 1, 1, 2, 1, 3, 1, 1, 1, 1, 0)	62
9185	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 4, 1, 1, 1, 4, 4, 1, 1, 1, 3, 1, 2, 2, 1, 1, 1, 2, 2, 0)	67
9187	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 7, 1, 0)	38
9189	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 4, 1, 3, 1, 2, 1, 4, 0)	19
9191	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 8, 1, 1, 2, 1, 1, 0)	19
9193	(4, 3, 2, 1, 1, 4, 4, 5, 2, 1, 2, 3, 2, 1, 2, 1, 3, 2, 3, 1, 2, 2, 1, 1, 1, 2, 1, 1, 1, 2, 0)	31
9195	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 1, 6, 1, 3, 3, 1, 1, 1, 2, 2, 1, 0)	55
9197	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 3, 1, 6, 1, 1, 1, 1, 2, 1, 2, 3, 0)	55
9199	(4, 3, 8, 1, 2, 2, 1, 1, 4, 2, 3, 2, 2, 3, 1, 1, 2, 1, 1, 1, 0)	21

9201	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 5, 2, 0)	14
9203	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 3, 3, 2, 2, 1, 2, 3, 1, 0)	19
9205	(4, 3, 2, 1, 3, 3, 3, 6, 1, 1, 1, 1, 5, 0)	14
9207	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 1, 1, 1, 1, 4, 2, 1, 1, 1, 3, 1, 1, 1, 2, 1, 1, 4, 1, 2, 3, 1, 1, 0)	43
9209	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 1, 1, 1, 1, 4, 2, 1, 1, 1, 1, 2, 1, 5, 1, 2, 1, 1, 2, 1, 2, 1, 2, 0)	43
9211	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 1, 1, 1, 1, 4, 2, 1, 1, 1, 3, 1, 1, 3, 1, 1, 3, 2, 1, 2, 1, 2, 1, 0)	43
9213	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 4, 1, 1, 1, 1, 1, 1, 3, 0)	19
9215	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 2, 2, 1, 5, 1, 2, 1, 2, 3, 2, 1, 2, 2, 2, 3, 1, 1, 2, 1, 1, 1, 1, 1, 5, 1, 1, 1, 1, 1, 1, 1, 1, 1, 0)	55
9217	(4, 3, 2, 1, 3, 3, 5, 1, 4, 2, 2, 2, 2, 0)	14
9219	(4, 3, 2, 1, 3, 3, 5, 3, 1, 2, 2, 4, 1, 0)	14
9221	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 3, 2, 2, 4, 0)	38
9223	(4, 3, 2, 1, 3, 3, 5, 3, 3, 3, 2, 1, 1, 0)	14
9225	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 2, 2, 1, 1, 1, 1, 1, 2, 4, 1, 2, 2, 1, 3, 2, 3, 1, 1, 1, 1, 1, 2, 1, 3, 2, 1, 1, 2, 0)	84
9227	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 5, 3, 2, 1, 0)	38
9229	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 1, 2, 4, 3, 0)	55
9231	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 1, 3, 1, 2, 2, 1, 4, 1, 1, 1, 2, 5, 1, 1, 1, 0)	31
9233	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 1, 4, 3, 2, 0)	55
9235	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 7, 2, 1, 3, 1, 0)	38
9237	(4, 5, 1, 1, 3, 4, 2, 6, 0)	9
9239	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 3, 5, 1, 1, 0)	55
9241	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 1, 2, 5, 1, 2, 1, 3, 1, 2, 0)	55
9243	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 1, 3, 9, 1, 1, 1, 1, 1, 2, 1, 1, 1, 1, 2, 1, 0)	31
9245	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 3, 1, 1, 3, 2, 1, 3, 0)	55

9247	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 2, 4, 2, 3, 3, 1, 1, 3, 3, 3, 1, 1, 1, 1, 2, 2, 1, 1, 1, 1, 0)	67
9249	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 4, 3, 3, 1, 1, 1, 3, 1, 1, 2, 3, 1, 2, 1, 1, 1, 3, 1, 2, 2, 0)	67
9251	(4, 5, 1, 1, 3, 6, 5, 1, 0)	9
9253	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 6, 2, 2, 1, 1, 4, 0)	38
9255	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 8, 2, 3, 1, 1, 1, 1, 2, 4, 1, 2, 1, 1, 0)	55
9257	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 2, 2, 1, 1, 2, 1, 2, 3, 1, 4, 1, 1, 1, 3, 3, 4, 3, 1, 1, 1, 1, 1, 3, 1, 1, 2, 2, 1, 2, 2, 1, 2, 1, 2, 1, 1, 2, 1, 1, 1, 1, 3, 2, 1, 1, 1, 1, 2, 0)	96
9259	(4, 3, 2, 1, 3, 7, 2, 1, 2, 4, 2, 2, 1, 0)	14
9261	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 3, 1, 3, 2, 3, 2, 3, 0)	38
9263	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 1, 3, 1, 1, 1, 1, 4, 3, 1, 1, 1, 1, 1, 4, 3, 1, 2, 2, 1, 1, 1, 0)	50
9265	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 3, 1, 5, 1, 1, 4, 2, 0)	38
9267	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 3, 1, 5, 1, 3, 3, 1, 0)	38
9269	(4, 5, 1, 1, 5, 1, 4, 5, 0)	9
9271	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 2, 2, 1, 1, 1, 1, 2, 4, 1, 1, 4, 1, 1, 1, 3, 1, 1, 0)	31
9273	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 3, 3, 2, 1, 2, 2, 3, 1, 2, 3, 2, 2, 1, 2, 0)	55
9275	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 3, 3, 2, 1, 2, 2, 3, 3, 1, 1, 4, 1, 2, 1, 0)	55
9277	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 1, 6, 1, 1, 3, 0)	19
9279	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 1, 3, 2, 2, 3, 2, 2, 2, 1, 1, 2, 1, 3, 4, 1, 1, 1, 1, 1, 0)	31
9281	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 3, 1, 4, 2, 2, 0)	19
9283	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 3, 3, 1, 4, 1, 0)	19
9285	(4, 5, 1, 1, 5, 3, 3, 4, 0)	9
9287	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 3, 1, 1, 1, 1, 1, 3, 1, 3, 3, 1, 1, 2, 2, 1, 1, 2, 4, 2, 2, 1, 1, 1, 1, 1, 2, 2, 1, 2, 2, 1, 1, 0)	60
9289	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 7, 1, 1, 1, 2, 1, 1, 2, 1, 1, 2, 2, 3, 1, 1, 3, 1, 1, 2, 0)	31

9291	(4, 5, 1, 1, 5, 7, 2, 1, 0)	9
9293	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 3, 3, 4, 1, 2, 1, 2, 4, 2, 1, 1, 1, 1, 1, 2, 1, 1, 1, 1, 1, 2, 1, 3, 3, 0)	67
9295	(4, 3, 2, 1, 1, 4, 4, 1, 5, 3, 1, 1, 1, 5, 3, 1, 1, 1, 0)	19
9297	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 3, 3, 4, 1, 2, 1, 2, 4, 2, 1, 1, 1, 1, 1, 2, 1, 1, 1, 1, 3, 1, 1, 3, 2, 0)	67
9299	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 4, 1, 1, 1, 3, 2, 1, 2, 2, 1, 1, 3, 3, 1, 2, 1, 2, 1, 1, 1, 3, 1, 0)	48
9301	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 8, 0)	43
9303	(4, 5, 1, 1, 9, 4, 1, 1, 0)	9
9305	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 3, 1, 1, 2, 1, 2, 2, 2, 1, 4, 1, 2, 0)	31
9307	(4, 3, 2, 1, 3, 1, 2, 4, 6, 1, 2, 2, 2, 1, 1, 1, 6, 2, 1, 1, 1, 3, 2, 1, 1, 2, 1, 1, 2, 1, 0)	31
9309	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 2, 2, 1, 5, 1, 3, 0)	55
9311	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 1, 2, 3, 4, 2, 1, 1, 4, 1, 1, 1, 1, 0)	31
9313	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 3, 1, 1, 3, 4, 3, 1, 1, 2, 2, 0)	38
9315	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 4, 1, 1, 1, 6, 1, 0)	55
9317	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 4, 1, 1, 3, 1, 4, 0)	55
9319	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 1, 2, 6, 2, 1, 1, 1, 2, 1, 1, 3, 4, 1, 2, 1, 1, 1, 2, 1, 1, 0)	31
9321	(4, 3, 2, 1, 1, 4, 4, 5, 2, 1, 2, 3, 2, 3, 1, 1, 1, 2, 0)	19
9323	(4, 3, 2, 1, 1, 4, 4, 5, 2, 3, 1, 3, 1, 2, 1, 2, 2, 1, 0)	19
9325	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 3, 1, 7, 1, 1, 1, 1, 1, 2, 3, 0)	38
9327	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 3, 3, 4, 1, 1, 1, 2, 2, 2, 1, 1, 1, 4, 1, 2, 1, 2, 1, 1, 1, 0)	31
9329	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 9, 2, 0)	43
9331	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 3, 2, 2, 6, 1, 3, 2, 1, 2, 3, 1, 1, 1, 1, 1, 3, 1, 1, 1, 2, 1, 2, 1, 1, 1, 2, 1, 2, 1, 1, 2, 2, 2, 3, 1, 0)	48
9333	(4, 3, 8, 1, 2, 2, 1, 5, 0)	9
9335	(4, 3, 6, 4, 4, 3, 1, 1, 0)	9

9337	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 5, 2, 2, 1, 1, 2, 1, 2, 0)	55
9339	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 3, 1, 1, 1, 1, 3, 2, 3, 2, 1, 2, 1, 0)	55
9341	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 1, 1, 1, 1, 4, 2, 1, 1, 1, 3, 0)	31
9343	(4, 3, 2, 1, 1, 4, 10, 3, 1, 3, 2, 2, 1, 1, 1, 1, 1, 1, 0)	19
9345	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 9, 2, 1, 1, 2, 3, 1, 4, 1, 1, 1, 4, 1, 2, 1, 1, 1, 1, 1, 1, 1, 1, 2, 1, 1, 2, 2, 2, 0)	67
9347	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 2, 3, 4, 4, 1, 0)	19
9349	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 2, 5, 1, 2, 4, 0)	19
9351	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 5, 1, 1, 1, 3, 2, 4, 1, 1, 1, 4, 2, 1, 1, 0)	38
9353	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 1, 2, 1, 1, 1, 2, 1, 4, 1, 2, 3, 5, 1, 1, 1, 1, 1, 2, 1, 1, 2, 0)	67
9355	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 2, 2, 1, 1, 1, 1, 1, 2, 4, 1, 2, 2, 1, 3, 2, 1, 0)	72
9357	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 1, 2, 5, 3, 0)	19
9359	(4, 3, 2, 1, 7, 2, 2, 5, 1, 4, 1, 1, 1, 0)	14
9361	(4, 3, 2, 1, 7, 4, 1, 3, 1, 1, 2, 3, 2, 0)	14
9363	(4, 3, 2, 1, 7, 4, 1, 3, 1, 3, 1, 3, 1, 0)	14
9365	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 1, 1, 6, 0)	19
9367	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 1, 8, 1, 1, 0)	19
9369	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 6, 2, 3, 1, 2, 0)	19
9371	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 3, 1, 1, 5, 2, 1, 1, 1, 1, 1, 1, 1, 4, 2, 2, 2, 1, 1, 1, 2, 1, 0)	67
9373	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 2, 4, 2, 3, 1, 2, 1, 3, 0)	55
9375	(4, 3, 2, 1, 15, 1, 1, 1, 2, 1, 1, 1, 1, 0)	14
9377	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 1, 4, 2, 2, 4, 2, 2, 1, 1, 1, 2, 1, 2, 2, 0)	38
9379	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 4, 3, 1, 2, 1, 1, 5, 1, 0)	55

9381	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 4, 3, 3, 1, 1, 1, 1, 4, 0)	55
9383	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 3, 1, 2, 4, 1, 1, 6, 1, 1, 2, 1, 2, 1, 1, 0)	38
9385	(10, 1, 1, 4, 2, 3, 1, 1, 1, 4, 1, 3, 2, 2, 1, 3, 3, 1, 1, 3, 1, 1, 1, 1, 1, 1, 2, 0)	28
9387	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 5, 2, 2, 2, 1, 0)	19
9389	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 1, 1, 2, 1, 1, 3, 2, 2, 3, 0)	38
9391	(4, 3, 2, 1, 1, 6, 3, 2, 6, 1, 1, 3, 1, 3, 2, 1, 1, 1, 0)	19
9393	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 1, 3, 1, 1, 1, 1, 2, 4, 2, 0)	38
9395	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 1, 3, 1, 1, 1, 1, 4, 3, 1, 0)	38
9397	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 5, 0)	43
9399	(10, 1, 3, 3, 1, 2, 1, 4, 1, 1, 2, 1, 2, 1, 5, 1, 1, 3, 1, 1, 2, 1, 2, 1, 3, 1, 1, 0)	28
9401	(4, 3, 2, 1, 1, 6, 5, 5, 1, 2, 1, 1, 1, 1, 3, 2, 1, 2, 0)	19
9403	(4, 3, 2, 1, 1, 6, 5, 5, 3, 1, 1, 1, 1, 1, 3, 1, 2, 1, 0)	19
9405	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 2, 2, 1, 1, 3, 0)	19
9407	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 5, 4, 1, 2, 1, 1, 1, 3, 3, 2, 1, 1, 1, 1, 1, 0)	38
9409	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 1, 3, 2, 2, 3, 2, 2, 0)	19
9411	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 1, 3, 4, 1, 1, 4, 1, 0)	19
9413	(4, 5, 1, 5, 2, 1, 4, 4, 0)	9
9415	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 1, 5, 3, 2, 2, 1, 1, 0)	19
9417	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 2, 2, 1, 1, 1, 2, 6, 1, 1, 2, 0)	36
9419	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 2, 2, 1, 1, 1, 4, 1, 4, 2, 1, 0)	36
9421	(4, 5, 1, 5, 2, 3, 3, 3, 0)	9
9423	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 7, 1, 1, 3, 1, 1, 1, 0)	19
9425	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 5, 2, 2, 2, 3, 1, 2, 2, 2, 1, 2, 1, 1, 2, 1, 3, 2, 0)	55
9427	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 5, 2, 2, 2, 3, 1, 2, 2, 2, 1, 2, 1, 3, 1, 1, 3, 1, 0)	55
9429	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 3, 7, 0)	43
9431	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 4, 1, 1, 1, 3, 2, 1, 4, 1, 1, 0)	36
9433	(4, 5, 1, 7, 1, 5, 1, 2, 0)	9

9435	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 7, 2, 1, 1, 1, 1, 3, 3, 1, 1, 2, 1, 0)	55
9437	(4, 3, 2, 1, 3, 1, 2, 4, 6, 1, 2, 2, 2, 1, 1, 3, 1, 3, 0)	19
9439	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 2, 6, 1, 2, 1, 1, 2, 2, 2, 2, 3, 1, 1, 1, 1, 0)	36
9441	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 3, 1, 1, 3, 2, 3, 2, 1, 1, 1, 1, 1, 2, 2, 0)	36
9443	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 9, 1, 0)	43
9445	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 1, 4, 1, 1, 2, 2, 1, 4, 0)	19
9447	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 5, 4, 1, 1, 3, 1, 2, 2, 1, 1, 2, 1, 1, 0)	55
9449	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 1, 2, 6, 2, 1, 1, 1, 2, 0)	19
9451	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 4, 1, 1, 5, 1, 3, 1, 3, 1, 2, 1, 1, 2, 2, 1, 0)	55
9453	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 1, 6, 1, 2, 3, 0)	19
9455	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 6, 4, 2, 4, 1, 1, 1, 1, 1, 1, 2, 1, 1, 1, 0)	55
9457	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 5, 2, 0)	19
9459	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 1, 4, 6, 1, 1, 2, 3, 1, 0)	19
9461	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 3, 1, 1, 5, 0)	19
9463	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 1, 6, 1, 4, 2, 3, 1, 1, 0)	19
9465	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 1, 6, 3, 3, 1, 2, 1, 2, 0)	19
9467	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 3, 2, 2, 6, 1, 3, 2, 1, 2, 3, 1, 1, 1, 1, 1, 3, 1, 1, 1, 2, 1, 2, 1, 0)	36
9469	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 4, 1, 1, 3, 1, 1, 1, 1, 3, 0)	31
9471	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 5, 3, 2, 2, 2, 3, 3, 2, 3, 1, 1, 1, 1, 1, 1, 1, 0)	55
9473	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 1, 3, 2, 2, 2, 0)	19
9475	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 3, 1, 1, 1, 2, 4, 1, 0)	19
9477	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 4, 0)	43
9479	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 4, 1, 2, 3, 2, 1, 1, 1, 4, 1, 1, 5, 1, 1, 1, 1, 3, 1, 2, 1, 1, 1, 3, 2, 1, 1, 0)	72
9481	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 5, 4, 2, 2, 1, 1, 2, 4, 1, 1, 1, 1, 2, 2, 2, 1, 1, 2, 0)	55

9483	(8, 2, 5, 1, 1, 2, 1, 4, 2, 1, 2, 2, 3, 2, 1, 0)	16
9485	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 1, 2, 1, 1, 1, 2, 1, 4, 3, 0)	55
9487	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 3, 1, 3, 6, 1, 1, 1, 0)	19
9489	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 1, 2, 1, 1, 1, 2, 3, 3, 2, 0)	55
9491	(8, 2, 5, 1, 1, 2, 3, 3, 3, 1, 1, 2, 1, 3, 1, 0)	16
9493	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 6, 0)	26
9495	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 1, 2, 1, 1, 3, 1, 5, 1, 1, 0)	55
9497	(8, 2, 3, 6, 2, 1, 2, 2, 1, 2, 1, 1, 3, 1, 2, 0)	16
9499	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 3, 5, 1, 3, 1, 1, 1, 1, 2, 5, 2, 2, 2, 1, 1, 2, 1, 1, 1, 1, 1, 2, 1, 0)	36
9501	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 2, 2, 1, 3, 0)	60
9503	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 3, 1, 1, 5, 2, 1, 1, 1, 1, 0)	55
9505	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 9, 1, 2, 2, 0)	43
9507	(10, 1, 1, 4, 2, 3, 1, 1, 1, 2, 2, 1, 2, 5, 1, 0)	16
9509	(10, 1, 1, 4, 2, 3, 1, 1, 1, 2, 2, 3, 1, 1, 4, 0)	16
9511	(10, 1, 1, 4, 2, 1, 2, 1, 3, 4, 3, 1, 2, 1, 1, 0)	16
9513	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 4, 3, 2, 2, 1, 1, 1, 5, 1, 1, 3, 3, 2, 2, 1, 1, 2, 1, 2, 1, 1, 2, 2, 1, 3, 1, 1, 1, 1, 2, 0)	72
9515	(10, 1, 1, 4, 2, 3, 1, 1, 1, 4, 1, 3, 2, 2, 1, 0)	16
9517	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 5, 2, 3, 0)	26
9519	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 1, 2, 1, 1, 2, 3, 4, 1, 1, 2, 3, 1, 2, 2, 2, 1, 1, 1, 0)	36
9521	(4, 5, 7, 1, 2, 1, 4, 2, 0)	9
9523	(4, 5, 7, 1, 2, 3, 3, 1, 0)	9
9525	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 3, 5, 0)	26
9527	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 4, 2, 3, 2, 4, 1, 2, 1, 1, 1, 2, 2, 1, 6, 3, 1, 1, 1, 1, 1, 1, 1, 2, 1, 1, 3, 1, 1, 0)	72
9529	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 3, 1, 1, 3, 2, 2, 1, 1, 1, 2, 4, 1, 1, 1, 2, 2, 1, 2, 0)	36

9531	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 7, 1, 2, 1, 0)	26
9533	(10, 1, 3, 3, 1, 2, 1, 4, 1, 1, 2, 3, 1, 1, 3, 0)	16
9535	(4, 3, 2, 1, 1, 4, 2, 2, 3, 1, 4, 2, 4, 4, 1, 1, 2, 1, 1, 1, 1, 4, 1, 2, 2, 2, 1, 3, 1, 3, 1, 1, 1, 1, 1, 0)	36
9537	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 5, 2, 2, 0)	26
9539	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 4, 1, 0)	26
9541	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 1, 2, 1, 1, 1, 1, 3, 4, 0)	36
9543	(10, 1, 3, 3, 1, 6, 2, 2, 1, 1, 1, 2, 2, 1, 1, 0)	16
9545	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 5, 3, 1, 2, 3, 1, 1, 2, 0)	26
9547	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 1, 2, 1, 1, 1, 5, 2, 1, 0)	36
9549	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 3, 1, 1, 1, 1, 1, 3, 3, 0)	36
9551	(4, 3, 2, 1, 3, 1, 4, 3, 7, 1, 2, 2, 1, 2, 3, 1, 1, 1, 0)	19
9553	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 1, 2, 1, 5, 3, 1, 2, 1, 1, 1, 1, 1, 1, 3, 2, 0)	36
9555	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 1, 2, 1, 5, 3, 3, 1, 1, 1, 1, 1, 1, 1, 3, 1, 0)	36
9557	(4, 3, 2, 1, 1, 12, 0)	7
9559	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 3, 1, 3, 2, 2, 4, 1, 1, 0)	26
9561	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 1, 5, 1, 2, 1, 2, 1, 1, 1, 2, 2, 4, 1, 2, 0)	26
9563	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 2, 2, 1, 5, 1, 2, 1, 2, 3, 2, 1, 2, 2, 2, 3, 1, 1, 2, 1, 1, 1, 1, 1, 3, 2, 1, 1, 1, 1, 1, 1, 1, 1, 1, 2, 1, 2, 2, 1, 2, 3, 1, 2, 3, 2, 1, 1, 2, 1, 0)	72
9565	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 5, 2, 4, 1, 3, 0)	43
9567	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 1, 5, 1, 2, 1, 2, 1, 1, 3, 5, 1, 1, 1, 1, 0)	26
9569	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 1, 5, 1, 2, 3, 1, 1, 1, 3, 2, 1, 1, 2, 2, 0)	26
9571	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 2, 6, 1, 0)	24
9573	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 4, 0)	24
9575	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 4, 1, 1, 3, 1, 1, 1, 1, 5, 5, 1, 2, 1, 4, 1, 3, 1, 2, 1, 1, 1, 2, 2, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 4, 1, 1, 1, 2, 2, 3, 2, 1, 1, 1, 1, 2, 1, 1, 0)	72
9577	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 5, 3, 2, 1, 1, 2, 3, 1, 1, 1, 1, 1, 1, 1, 2, 2, 5, 1, 1, 1, 2, 0)	55
9579	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 5, 3, 2, 1, 1, 2, 3, 1, 1, 1, 1, 1, 1, 1, 4, 1, 3, 1, 2, 2, 1, 0)	55
9581	(4, 9, 4, 2, 1, 1, 2, 3, 0)	9

9583	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 2, 5, 1, 4, 1, 6, 2, 1, 2, 2, 1, 2, 2, 1, 1, 1, 1, 2, 1, 1, 1, 2, 1, 2, 1, 2, 1, 1, 4, 1, 2, 1, 1, 1, 0)	48
9585	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 6, 2, 0)	43
9587	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 3, 3, 2, 3, 1, 0)	24
9589	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 4, 1, 5, 0)	43
9591	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 2, 2, 1, 2, 2, 4, 1, 1, 2, 1, 3, 3, 1, 1, 0)	60
9593	(4, 3, 2, 1, 7, 4, 1, 1, 2, 3, 4, 2, 2, 4, 1, 2, 1, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 1, 3, 2, 1, 3, 1, 2, 1, 1, 1, 1, 2, 1, 2, 0)	43
9595	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 6, 2, 2, 1, 2, 1, 0)	24
9597	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 3, 1, 5, 1, 1, 1, 3, 0)	24
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9601	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 4, 1, 3, 2, 1, 1, 2, 1, 1, 3, 1, 2, 2, 2, 0)	60
9603	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 5, 3, 4, 1, 0)	43
9605	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 4, 1, 2, 3, 2, 1, 1, 1, 2, 2, 1, 1, 2, 4, 0)	60
9607	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 9, 2, 1, 1, 0)	43
9609	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 4, 1, 3, 4, 1, 2, 1, 1, 2, 0)	24
9611	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 4, 1, 2, 3, 2, 1, 1, 1, 4, 1, 1, 3, 2, 1, 0)	60
9613	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 6, 3, 0)	19
9615	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 5, 4, 4, 1, 1, 1, 0)	43
9617	(4, 3, 2, 5, 4, 1, 2, 1, 2, 3, 2, 3, 2, 0)	14
9619	(4, 3, 2, 5, 4, 1, 2, 1, 2, 5, 1, 3, 1, 0)	14
9621	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 4, 1, 6, 0)	19
9623	(4, 3, 2, 5, 4, 1, 2, 3, 1, 1, 6, 1, 1, 0)	14
9625	(4, 3, 2, 5, 4, 1, 2, 3, 1, 3, 3, 1, 2, 0)	14
9627	(4, 3, 2, 5, 2, 6, 3, 3, 1, 1, 1, 2, 1, 0)	14
9629	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 3, 5, 1, 3, 1, 1, 1, 1, 2, 1, 3, 0)	24

9631	(10, 1, 3, 3, 1, 2, 1, 4, 1, 1, 2, 1, 2, 1, 5, 1, 1, 3, 1, 1, 2, 1, 2, 1, 1, 2, 1, 2, 2, 2, 2, 1, 1, 3, 1, 2, 1, 3, 2, 1, 4, 1, 1, 1, 2, 1, 3, 1, 1, 2, 1, 2, 1, 1, 1, 1, 0)	57
9633	(4, 3, 2, 5, 4, 3, 1, 3, 2, 2, 1, 2, 2, 0)	14
9635	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 5, 2, 1, 5, 1, 0)	43
9637	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 1, 4, 0)	43
9639	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 3, 1, 1, 1, 3, 2, 1, 2, 1, 1, 0)	48
9641	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 5, 2, 2, 1, 2, 4, 1, 1, 1, 1, 1, 2, 0)	24
9643	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 4, 3, 2, 2, 1, 1, 1, 5, 1, 1, 1, 4, 1, 1, 2, 2, 2, 1, 0)	60
9645	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 2, 2, 1, 1, 2, 1, 2, 3, 1, 2, 2, 3, 0)	60
9647	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 7, 1, 4, 2, 1, 1, 1, 0)	43
9649	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 3, 3, 4, 2, 0)	19
9651	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 3, 5, 3, 1, 0)	19
9653	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 1, 2, 1, 1, 2, 5, 0)	24
9655	(4, 3, 2, 1, 1, 4, 4, 1, 5, 3, 1, 1, 1, 5, 1, 2, 1, 5, 1, 1, 1, 1, 1, 1, 3, 1, 1, 2, 1, 1, 3, 1, 3, 1, 1, 0)	36
9657	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 7, 2, 1, 2, 0)	19
9659	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 4, 2, 3, 2, 4, 1, 2, 1, 1, 1, 2, 2, 3, 1, 2, 1, 0)	60
9661	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 7, 1, 2, 1, 1, 3, 0)	43
9663	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 6, 2, 2, 2, 2, 2, 1, 1, 1, 1, 1, 2, 3, 1, 4, 1, 3, 2, 1, 4, 3, 3, 3, 1, 1, 3, 1, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 1, 1, 1, 1, 1, 2, 1, 1, 1, 1, 1, 0)	67
9665	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 3, 1, 1, 3, 2, 2, 0)	24
9667	(4, 3, 2, 1, 1, 4, 2, 2, 3, 1, 4, 2, 4, 4, 1, 1, 2, 1, 1, 1, 1, 4, 1, 0)	24
9669	(8, 6, 4, 0)	4
9671	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 3, 1, 3, 2, 2, 2, 1, 1, 0)	24
9673	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 5, 4, 1, 1, 2, 0)	19
9675	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 4, 1, 3, 1, 2, 1, 2, 1, 2, 4, 2, 1, 0)	24
9677	(4, 3, 2, 1, 3, 3, 3, 6, 1, 1, 1, 1, 1, 1, 3, 2, 3, 3, 0)	19

9679	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 5, 3, 2, 3, 2, 2, 1, 3, 1, 1, 4, 1, 1, 2, 1, 3, 1, 1, 1, 0)	60
9681	(4, 3, 2, 1, 3, 3, 3, 6, 1, 1, 1, 1, 1, 1, 5, 1, 3, 2, 0)	19
9683	(4, 3, 2, 1, 1, 4, 4, 5, 2, 1, 2, 3, 2, 1, 2, 1, 3, 2, 3, 1, 2, 2, 1, 1, 1, 2, 1, 1, 1, 2, 2, 1, 1, 3, 1, 0)	36
9685	(10, 1, 7, 0)	4
9687	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 3, 1, 6, 1, 1, 1, 1, 2, 1, 2, 3, 1, 1, 4, 1, 1, 0)	60
9689	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 6, 1, 2, 0)	24
9691	(4, 3, 2, 1, 3, 3, 3, 6, 1, 1, 1, 1, 1, 7, 1, 1, 2, 1, 0)	19
9693	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 3, 0)	24
9695	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 3, 3, 1, 4, 2, 4, 1, 1, 2, 1, 1, 3, 1, 1, 1, 1, 0)	60
9697	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 1, 1, 1, 1, 4, 2, 1, 1, 1, 3, 1, 1, 1, 2, 1, 1, 4, 1, 2, 1, 2, 3, 1, 1, 1, 2, 2, 0)	48
9699	(10, 7, 1, 0)	4
9701	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 2, 2, 1, 5, 1, 2, 1, 2, 3, 2, 1, 2, 2, 2, 3, 1, 1, 2, 1, 1, 1, 1, 1, 3, 2, 1, 1, 1, 1, 1, 1, 1, 1, 1, 2, 1, 4, 0)	60
9703	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 1, 1, 1, 1, 4, 2, 1, 1, 1, 3, 1, 1, 3, 1, 1, 3, 2, 1, 2, 1, 2, 3, 1, 1, 2, 1, 1, 0)	48
9705	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 3, 2, 2, 6, 1, 3, 2, 1, 2, 1, 2, 1, 1, 1, 1, 5, 3, 1, 3, 1, 1, 1, 1, 1, 5, 1, 1, 2, 2, 2, 1, 2, 1, 1, 2, 1, 1, 1, 1, 1, 1, 2, 1, 2, 1, 2, 1, 2, 1, 1, 1, 2, 0)	65
9707	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 4, 1, 1, 3, 1, 1, 1, 1, 5, 5, 1, 2, 1, 4, 1, 3, 1, 2, 1, 1, 1, 2, 2, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 2, 2, 1, 0)	60
9709	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 3, 2, 2, 2, 2, 2, 1, 2, 3, 0)	43
9711	(4, 3, 2, 1, 3, 3, 5, 1, 4, 4, 3, 2, 1, 1, 2, 1, 1, 1, 0)	19
9713	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 5, 2, 0)	14
9715	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 1, 2, 2, 2, 4, 1, 2, 3, 1, 0)	60
9717	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 5, 0)	14
9719	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 5, 3, 2, 1, 1, 2, 3, 1, 1, 0)	43
9721	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 1, 2, 4, 3, 2, 1, 2, 1, 2, 0)	60

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9725	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 1, 4, 5, 1, 1, 1, 1, 1, 3, 0)	60
9727	(4, 3, 2, 1, 7, 4, 1, 1, 2, 3, 4, 2, 2, 4, 1, 2, 1, 1, 1, 2, 1, 4, 1, 1, 1, 1, 1, 1, 1, 1, 0)	31
9729	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 3, 3, 2, 1, 1, 2, 2, 2, 2, 0)	60
9731	(4, 5, 1, 1, 5, 1, 2, 2, 2, 4, 2, 4, 1, 0)	14
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9735	(4, 5, 1, 1, 3, 4, 4, 3, 2, 3, 2, 1, 1, 0)	14
9737	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 3, 1, 1, 3, 2, 1, 1, 4, 2, 1, 1, 2, 0)	60
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9741	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 4, 3, 0)	48
9743	(4, 5, 1, 1, 3, 6, 3, 2, 1, 5, 1, 1, 1, 0)	14
9745	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 5, 3, 2, 0)	48
9747	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 6, 2, 2, 1, 3, 1, 2, 2, 1, 3, 1, 0)	43
9749	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 2, 6, 0)	48
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9753	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 3, 1, 3, 2, 3, 2, 1, 3, 1, 3, 1, 2, 0)	43
9755	(4, 3, 2, 1, 3, 7, 2, 1, 4, 1, 4, 3, 1, 1, 1, 1, 2, 1, 0)	19
9757	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 6, 2, 1, 3, 0)	48
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9761	(4, 5, 1, 1, 5, 1, 4, 3, 2, 3, 1, 2, 2, 0)	14
9763	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 3, 5, 1, 0)	48
9765	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 1, 4, 2, 1, 3, 1, 2, 1, 1, 4, 0)	24

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9769	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 2, 2, 1, 1, 1, 1, 4, 3, 2, 2, 1, 3, 2, 1, 1, 1, 2, 1, 1, 1, 1, 2, 0)	36
9771	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 5, 2, 2, 1, 0)	48
9773	(4, 5, 1, 1, 5, 3, 3, 2, 1, 1, 3, 2, 3, 0)	14
9775	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 5, 4, 1, 2, 1, 1, 1, 3, 3, 2, 1, 1, 1, 1, 1, 3, 1, 4, 1, 3, 2, 1, 1, 1, 1, 1, 1, 2, 2, 1, 1, 1, 0)	55
9777	(4, 5, 1, 1, 5, 3, 5, 1, 1, 1, 1, 4, 2, 0)	14
9779	(4, 5, 1, 1, 5, 3, 5, 1, 1, 1, 3, 3, 1, 0)	14
9781	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 5, 0)	12
9783	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 3, 1, 1, 1, 1, 1, 3, 1, 3, 3, 1, 1, 2, 2, 1, 1, 2, 4, 2, 2, 1, 1, 1, 1, 1, 2, 2, 1, 4, 1, 1, 1, 1, 1, 3, 1, 1, 0)	65
9785	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 3, 3, 4, 1, 2, 1, 2, 4, 2, 1, 1, 1, 1, 1, 2, 1, 1, 1, 1, 1, 2, 1, 1, 4, 2, 2, 2, 1, 2, 0)	72
9787	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 3, 3, 4, 1, 2, 1, 2, 4, 2, 1, 1, 1, 1, 1, 2, 1, 1, 1, 1, 1, 2, 1, 3, 1, 2, 4, 1, 2, 1, 0)	72
9789	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 4, 3, 4, 1, 1, 3, 0)	48
9791	(4, 3, 2, 1, 1, 4, 4, 1, 5, 3, 1, 1, 1, 5, 1, 2, 1, 5, 1, 1, 1, 1, 1, 0)	24
9793	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 2, 2, 1, 3, 2, 1, 1, 2, 4, 2, 2, 0)	60
9795	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 2, 2, 1, 3, 2, 1, 1, 4, 1, 4, 1, 0)	60
9797	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 4, 2, 3, 4, 0)	48
9799	(4, 5, 1, 1, 9, 2, 2, 3, 1, 2, 2, 1, 1, 0)	14
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9803	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 4, 6, 2, 1, 0)	48
9805	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 3, 3, 0)	48
9807	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 1, 2, 3, 4, 2, 1, 1, 2, 2, 1, 1, 1, 3, 3, 1, 1, 1, 0)	36

9809	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 4, 1, 1, 1, 4, 2, 2, 1, 1, 3, 2, 0)	60
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9813	(4, 3, 2, 1, 1, 4, 2, 2, 3, 1, 8, 0)	12
9815	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 5, 3, 2, 3, 4, 1, 1, 0)	48
9817	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 5, 5, 1, 1, 4, 1, 2, 0)	48
9819	(4, 3, 2, 1, 1, 4, 4, 5, 2, 1, 2, 3, 2, 3, 1, 1, 3, 1, 2, 1, 1, 2, 1, 0)	24
9821	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 1, 6, 1, 3, 0)	48
9823	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 3, 1, 7, 1, 1, 1, 1, 1, 2, 3, 4, 1, 1, 1, 1, 0)	43
9825	(4, 3, 8, 1, 2, 2, 1, 1, 6, 1, 1, 2, 2, 0)	14
9827	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 3, 1, 6, 1, 0)	48
9829	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 3, 3, 1, 4, 0)	48
9831	(4, 3, 2, 1, 3, 1, 2, 6, 3, 5, 4, 1, 1, 1, 1, 4, 1, 1, 1, 2, 1, 1, 1, 2, 3, 2, 1, 1, 3, 1, 1, 1, 2, 1, 1, 0)	36
9833	(4, 3, 6, 4, 4, 3, 1, 1, 3, 1, 1, 1, 2, 0)	14
9835	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 5, 2, 2, 1, 1, 2, 1, 2, 2, 1, 2, 2, 1, 0)	60
9837	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 1, 1, 1, 1, 4, 2, 1, 1, 1, 3, 1, 1, 1, 2, 3, 0)	36
9839	(4, 3, 8, 1, 4, 1, 5, 2, 1, 2, 1, 1, 1, 0)	14
9841	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 0)	12
9843	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 2, 3, 4, 2, 2, 1, 2, 2, 3, 1, 0)	24
9845	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 1, 2, 5, 1, 1, 1, 2, 1, 5, 0)	24
9847	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 1, 2, 3, 2, 1, 5, 3, 1, 1, 0)	24
9849	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 2, 5, 1, 4, 3, 1, 1, 2, 1, 2, 0)	24
9851	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 1, 2, 3, 2, 5, 2, 1, 2, 1, 0)	24

9853	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 2, 2, 1, 1, 1, 1, 1, 2, 4, 1, 2, 2, 1, 3, 2, 1, 2, 1, 1, 1, 3, 0)	77
9855	(8, 2, 5, 1, 1, 2, 1, 4, 2, 1, 2, 2, 3, 2, 5, 1, 2, 1, 3, 2, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 1, 1, 0)	33
9857	(4, 3, 2, 1, 7, 2, 2, 5, 1, 4, 1, 1, 1, 1, 1, 2, 2, 2, 0)	19
9859	(4, 3, 2, 1, 1, 4, 2, 2, 7, 4, 1, 0)	12
9861	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 1, 3, 1, 2, 2, 1, 2, 4, 0)	24
9863	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 1, 1, 4, 2, 4, 2, 1, 1, 0)	24
9865	(8, 2, 3, 6, 2, 1, 2, 2, 1, 2, 1, 1, 3, 1, 2, 1, 2, 1, 3, 1, 2, 1, 1, 3, 2, 2, 1, 1, 2, 1, 1, 2, 0)	33
9867	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 1, 3, 1, 4, 1, 3, 2, 1, 0)	24
9869	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 1, 2, 1, 5, 3, 0)	48
9871	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 3, 1, 1, 5, 2, 1, 1, 1, 1, 1, 1, 1, 4, 2, 2, 2, 1, 1, 1, 2, 1, 1, 4, 1, 1, 1, 0)	72
9873	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 4, 5, 1, 2, 3, 2, 0)	48
9875	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 4, 5, 3, 1, 3, 1, 0)	48
9877	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 1, 6, 0)	48
9879	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 1, 2, 7, 1, 1, 0)	48
9881	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 4, 3, 3, 1, 1, 1, 3, 1, 1, 2, 3, 1, 2, 0)	60
9883	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 4, 1, 6, 1, 2, 3, 1, 2, 1, 1, 1, 2, 1, 0)	60
9885	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 8, 2, 1, 2, 1, 3, 0)	48
9887	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 2, 2, 1, 1, 2, 1, 2, 3, 1, 4, 1, 1, 1, 3, 3, 4, 3, 1, 1, 1, 1, 1, 3, 1, 1, 2, 2, 1, 2, 2, 1, 2, 1, 2, 1, 1, 2, 1, 1, 1, 1, 0)	89
9889	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 1, 1, 2, 1, 1, 3, 2, 2, 3, 1, 2, 1, 2, 2, 0)	43
9891	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 1, 3, 1, 1, 1, 1, 4, 1, 2, 1, 1, 1, 5, 1, 0)	43
9893	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 1, 3, 1, 1, 1, 1, 4, 3, 1, 1, 1, 1, 1, 4, 0)	43

9895	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 1, 3, 1, 1, 1, 1, 2, 6, 1, 2, 1, 2, 1, 1, 0)	43
9897	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 4, 2, 3, 2, 4, 1, 2, 1, 1, 1, 2, 2, 3, 1, 2, 1, 1, 2, 1, 1, 1, 5, 1, 3, 1, 1, 1, 2, 3, 2, 2, 1, 3, 1, 1, 1, 3, 1, 1, 1, 1, 1, 1, 1, 2, 0)	89
9899	(10, 1, 3, 3, 1, 2, 1, 4, 1, 1, 2, 1, 2, 1, 5, 1, 1, 3, 1, 1, 2, 1, 2, 1, 1, 2, 1, 2, 2, 2, 2, 1, 0)	33
9901	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 2, 2, 1, 1, 1, 1, 2, 2, 2, 3, 0)	24
9903	(4, 3, 2, 1, 1, 6, 5, 5, 1, 2, 1, 1, 1, 1, 3, 2, 1, 2, 3, 2, 1, 1, 1, 0)	24
9905	(4, 3, 2, 1, 1, 4, 2, 6, 2, 4, 2, 0)	12
9907	(4, 3, 2, 1, 1, 4, 2, 6, 4, 3, 1, 0)	12
9909	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 3, 3, 2, 1, 2, 2, 5, 0)	48
9911	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 1, 3, 2, 2, 3, 2, 2, 2, 1, 3, 1, 1, 0)	24
9913	(4, 5, 1, 5, 2, 1, 4, 2, 2, 3, 2, 1, 2, 0)	14
9915	(4, 5, 1, 5, 2, 1, 4, 4, 1, 3, 1, 2, 1, 0)	14
9917	(4, 5, 1, 5, 2, 3, 1, 2, 4, 2, 1, 1, 3, 0)	14
9919	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 3, 1, 1, 1, 1, 1, 3, 1, 3, 3, 1, 1, 2, 2, 1, 1, 2, 4, 2, 2, 1, 1, 1, 1, 1, 0)	53
9921	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 3, 3, 2, 3, 3, 2, 2, 0)	48
9923	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 7, 1, 1, 1, 2, 1, 1, 2, 1, 1, 4, 1, 0)	24
9925	(4, 3, 2, 1, 1, 4, 4, 1, 3, 4, 4, 0)	12
9927	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 3, 3, 6, 2, 2, 1, 1, 0)	48
9929	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 3, 5, 1, 5, 1, 1, 2, 0)	48
9931	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 4, 1, 1, 1, 3, 2, 1, 2, 2, 1, 1, 1, 4, 2, 1, 0)	41
9933	(4, 3, 2, 1, 1, 4, 4, 1, 5, 3, 3, 0)	12
9935	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 3, 3, 4, 1, 2, 1, 2, 4, 2, 1, 1, 1, 1, 3, 1, 1, 1, 0)	60
9937	(4, 3, 2, 1, 3, 1, 2, 4, 6, 1, 2, 2, 2, 1, 1, 3, 1, 1, 2, 2, 1, 3, 2, 0)	24
9939	(4, 3, 2, 1, 3, 1, 2, 4, 6, 1, 2, 2, 2, 1, 1, 3, 1, 1, 4, 1, 1, 3, 1, 0)	24
9941	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 7, 0)	31

9943	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 1, 6, 1, 4, 1, 1, 0)	24
9945	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 1, 2, 5, 1, 2, 0)	24
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9953	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 1, 2, 6, 2, 1, 1, 3, 1, 1, 1, 1, 2, 2, 0)	24
9955	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 8, 1, 0)	31
9957	(4, 3, 2, 1, 1, 4, 4, 5, 2, 1, 4, 0)	12
9959	(4, 3, 2, 1, 3, 1, 2, 6, 1, 8, 1, 1, 1, 1, 4, 2, 1, 2, 1, 1, 2, 1, 1, 0)	24
9961	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 3, 3, 4, 1, 1, 1, 2, 2, 2, 1, 1, 1, 2, 0)	24
9963	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 1, 4, 6, 1, 1, 2, 1, 4, 1, 1, 2, 2, 1, 0)	24
9965	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 4, 1, 1, 1, 2, 1, 1, 1, 1, 2, 3, 1, 2, 3, 0)	36
9967	(4, 3, 2, 1, 3, 1, 2, 6, 3, 5, 4, 1, 1, 1, 1, 4, 1, 1, 1, 2, 1, 1, 1, 0)	24
9969	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 3, 5, 2, 0)	31
9971	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 3, 2, 2, 6, 1, 3, 2, 1, 2, 3, 1, 1, 1, 1, 1, 3, 1, 1, 1, 2, 1, 2, 1, 1, 1, 2, 3, 1, 0)	41
9973	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 5, 0)	48
9975	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 5, 3, 2, 2, 2, 3, 3, 2, 1, 2, 1, 1, 1, 1, 1, 1, 2, 2, 3, 1, 1, 0)	60
9977	(4, 3, 2, 1, 1, 4, 10, 1, 2, 1, 2, 0)	12
9979	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 1, 3, 2, 4, 1, 1, 2, 1, 2, 1, 0)	24
9981	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 1, 1, 3, 0)	24
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9985	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 5, 2, 2, 2, 0)	31
9987	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 1, 2, 1, 1, 1, 2, 1, 4, 1, 2, 1, 2, 4, 1, 0)	60
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9993	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 3, 1, 3, 6, 1, 1, 1, 2, 2, 1, 1, 2, 0)	24
9995	(8, 2, 5, 1, 1, 2, 3, 3, 3, 1, 1, 2, 1, 1, 2, 1, 2, 3, 2, 1, 0)	21
9997	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 2, 2, 1, 1, 1, 1, 4, 3, 0)	65
9999	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 5, 1, 1, 7, 1, 1, 1, 0)	31
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10009	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 3, 1, 1, 5, 2, 1, 1, 1, 1, 1, 1, 3, 1, 2, 0)	60
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10015	(10, 1, 1, 4, 2, 3, 1, 1, 1, 2, 2, 1, 2, 5, 3, 2, 1, 1, 1, 1, 0)	21
10017	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 1, 4, 2, 4, 1, 2, 2, 0)	31
10019	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 3, 1, 2, 2, 2, 5, 1, 0)	31
10021	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 3, 1, 2, 4, 1, 1, 4, 0)	31
10023	(10, 1, 1, 4, 2, 3, 1, 1, 1, 4, 1, 3, 2, 2, 1, 3, 1, 2, 1, 1, 0)	21
10025	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 5, 2, 5, 1, 1, 1, 1, 2, 0)	31
10027	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 3, 1, 4, 3, 2, 2, 1, 0)	31
10029	(4, 3, 2, 1, 1, 6, 3, 2, 4, 2, 3, 0)	12
10031	(4, 5, 7, 1, 2, 3, 1, 4, 2, 2, 1, 1, 1, 0)	14
10033	(4, 3, 2, 1, 1, 6, 3, 4, 1, 4, 2, 0)	12
10035	(4, 3, 2, 1, 1, 6, 3, 4, 3, 3, 1, 0)	12
10037	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 3, 5, 0)	48
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10045	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 3, 1, 1, 3, 0)	31
10047	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 5, 4, 3, 1, 1, 1, 1, 1, 0)	31
10049	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 6, 2, 2, 0)	48
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10053	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 4, 1, 3, 4, 0)	48
10055	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 5, 3, 1, 2, 3, 1, 3, 1, 1, 2, 2, 1, 1, 0)	31
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10059	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 4, 5, 2, 1, 0)	48
10061	(4, 3, 2, 1, 1, 10, 2, 1, 1, 3, 3, 0)	12
10063	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 1, 2, 1, 5, 3, 1, 2, 1, 1, 1, 1, 1, 1, 3, 2, 2, 3, 1, 1, 1, 0)	41
10065	(4, 3, 2, 1, 1, 12, 1, 1, 1, 3, 2, 0)	12
10067	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 6, 2, 2, 2, 2, 2, 1, 1, 1, 1, 3, 1, 0)	31
10069	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 9, 0)	12
10071	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 5, 2, 2, 2, 3, 1, 2, 4, 1, 1, 0)	48
10073	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 3, 3, 4, 1, 2, 0)	48
10075	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 1, 5, 1, 2, 1, 2, 1, 1, 1, 4, 3, 2, 1, 2, 2, 1, 1, 2, 1, 0)	31
10077	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 4, 1, 3, 0)	29
10079	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 9, 1, 1, 1, 1, 0)	48
10081	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 2, 6, 1, 2, 1, 1, 2, 2, 0)	29
10083	(4, 3, 2, 1, 3, 1, 2, 4, 4, 6, 1, 0)	12
10085	(4, 3, 2, 1, 3, 1, 2, 4, 6, 1, 4, 0)	12
10087	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 3, 2, 2, 6, 1, 3, 2, 1, 2, 3, 1, 1, 1, 1, 1, 3, 1, 1, 1, 2, 3, 1, 1, 7, 1, 1, 1, 1, 2, 1, 3, 1, 1, 1, 1, 2, 2, 1, 2, 1, 4, 1, 1, 2, 1, 1, 1, 2, 2, 2, 2, 3, 2, 1, 1, 1, 1, 2, 1, 2, 1, 1, 1, 1, 1, 1, 2, 1, 1, 0)	82

10089	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 5, 4, 1, 1, 1, 2, 0)	48
10091	(4, 9, 4, 2, 1, 1, 2, 1, 4, 1, 2, 2, 1, 0)	14
10093	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 4, 1, 1, 5, 1, 1, 2, 3, 0)	48
10095	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 2, 5, 1, 4, 1, 6, 2, 1, 2, 2, 1, 2, 2, 1, 1, 1, 1, 2, 1, 1, 1, 2, 1, 2, 1, 2, 1, 1, 4, 1, 2, 1, 1, 3, 1, 2, 1, 1, 1, 0)	53
10097	(4, 3, 2, 1, 3, 1, 2, 6, 1, 6, 2, 0)	12
10099	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 3, 1, 3, 2, 1, 1, 1, 1, 4, 2, 3, 1, 0)	29
10101	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 5, 0)	12
10103	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 3, 1, 3, 2, 1, 1, 1, 3, 3, 3, 1, 1, 0)	29
10105	(4, 3, 2, 1, 7, 4, 1, 1, 2, 3, 4, 2, 2, 4, 1, 2, 1, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 1, 1, 3, 2, 1, 3, 1, 2, 1, 1, 1, 1, 2, 3, 1, 1, 1, 2, 1, 2, 0)	48
10107	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 6, 2, 2, 1, 2, 1, 2, 2, 1, 2, 1, 0)	29
10109	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 2, 2, 1, 4, 5, 1, 1, 2, 2, 1, 1, 1, 1, 1, 3, 1, 1, 1, 3, 0)	65
10111	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 3, 2, 2, 6, 1, 3, 2, 1, 2, 3, 1, 1, 1, 1, 1, 1, 0)	29
10113	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 5, 3, 2, 2, 2, 1, 2, 2, 2, 0)	48
10115	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 4, 1, 0)	24
10117	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 4, 1, 1, 1, 2, 4, 0)	24
10119	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 5, 2, 1, 1, 0)	24
10121	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 4, 1, 2, 3, 2, 1, 1, 1, 2, 2, 1, 3, 3, 2, 1, 2, 1, 1, 2, 0)	65
10123	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 4, 1, 2, 3, 2, 1, 1, 1, 4, 1, 1, 3, 2, 1, 1, 1, 3, 2, 1, 0)	65
10125	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 3, 0)	12
10127	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 5, 4, 2, 2, 1, 1, 2, 4, 1, 1, 1, 0)	48
10129	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 4, 1, 4, 1, 2, 2, 3, 2, 0)	24
10131	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 4, 1, 4, 1, 4, 1, 3, 1, 0)	24

10133	(8, 2, 5, 1, 1, 2, 1, 6, 0)	9
10135	(8, 2, 3, 2, 3, 6, 1, 1, 0)	9
10137	(8, 2, 3, 2, 5, 3, 1, 2, 0)	9
10139	(4, 3, 2, 5, 4, 1, 2, 3, 1, 3, 3, 1, 4, 1, 1, 1, 2, 1, 0)	19
10141	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 3, 5, 1, 3, 1, 1, 1, 1, 2, 1, 3, 1, 1, 2, 1, 3, 0)	29
10143	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 1, 4, 2, 1, 3, 1, 2, 1, 1, 2, 1, 4, 4, 1, 1, 1, 2, 1, 2, 2, 3, 1, 2, 1, 1, 1, 1, 0)	41
10145	(8, 2, 3, 6, 2, 1, 2, 2, 0)	9
10147	(8, 2, 5, 1, 3, 1, 5, 1, 0)	9
10149	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 1, 4, 0)	48
10151	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 0)	53
10153	(4, 3, 2, 5, 4, 9, 1, 2, 1, 1, 1, 2, 1, 1, 1, 1, 1, 2, 0)	19
10155	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 5, 2, 2, 1, 2, 4, 1, 1, 1, 1, 1, 2, 1, 2, 2, 2, 1, 0)	29
10157	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 2, 2, 1, 1, 2, 1, 2, 3, 1, 4, 1, 1, 1, 1, 2, 2, 3, 0)	65
10159	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 2, 2, 1, 1, 2, 1, 2, 3, 1, 2, 2, 1, 5, 2, 1, 1, 1, 0)	65
10161	(4, 3, 2, 1, 3, 1, 4, 1, 6, 4, 2, 0)	12
10163	(4, 3, 2, 1, 3, 1, 4, 1, 8, 3, 1, 0)	12
10165	(10, 1, 1, 4, 2, 1, 2, 5, 0)	9
10167	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 1, 2, 1, 1, 2, 3, 4, 1, 3, 1, 1, 0)	29
10169	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 1, 2, 1, 3, 1, 1, 2, 4, 2, 1, 2, 0)	29
10171	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 1, 2, 1, 3, 1, 1, 4, 3, 1, 2, 1, 0)	29
10173	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 4, 2, 3, 2, 4, 1, 2, 1, 1, 1, 2, 2, 3, 1, 2, 1, 1, 2, 1, 1, 3, 0)	65
10175	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 4, 2, 3, 2, 4, 1, 2, 1, 1, 1, 2, 2, 1, 6, 1, 2, 1, 1, 1, 1, 1, 0)	65
10177	(10, 1, 1, 6, 1, 3, 2, 2, 0)	9
10179	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 3, 1, 1, 3, 2, 2, 1, 1, 1, 4, 1, 0)	29
10181	(4, 3, 2, 1, 3, 1, 4, 3, 1, 5, 4, 0)	12

10183	(4, 3, 2, 1, 1, 4, 2, 2, 3, 1, 4, 2, 4, 4, 1, 1, 2, 1, 1, 1, 1, 4, 1, 2, 2, 2, 1, 1, 0)	29
10185	(8, 8, 1, 1, 4, 1, 1, 2, 0)	9
10187	(10, 1, 3, 1, 4, 4, 2, 1, 0)	9
10189	(10, 1, 3, 3, 1, 2, 3, 3, 0)	9
10191	(4, 3, 2, 1, 3, 3, 3, 6, 1, 1, 1, 1, 1, 1, 3, 2, 1, 6, 1, 3, 1, 1, 1, 0)	24
10193	(10, 1, 3, 3, 3, 1, 3, 2, 0)	9
10195	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 5, 3, 2, 3, 2, 2, 1, 3, 1, 1, 4, 1, 1, 2, 1, 3, 1, 1, 1, 2, 1, 1, 3, 1, 0)	65
10197	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 7, 0)	19
10199	(4, 3, 2, 1, 1, 4, 4, 5, 2, 1, 2, 3, 2, 1, 2, 1, 3, 2, 3, 1, 2, 2, 1, 1, 1, 2, 1, 1, 1, 2, 2, 1, 1, 3, 1, 1, 1, 4, 1, 1, 0)	41
10201	(4, 3, 2, 1, 3, 1, 4, 3, 7, 1, 2, 0)	12
10203	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 3, 1, 6, 1, 1, 1, 1, 2, 1, 2, 3, 1, 1, 2, 2, 1, 4, 1, 1, 2, 1, 0)	65
10205	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 3, 0)	29
10207	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 1, 6, 3, 1, 3, 1, 1, 1, 1, 0)	29
10209	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 3, 3, 2, 2, 1, 2, 1, 2, 1, 4, 2, 1, 2, 1, 1, 1, 2, 2, 0)	29
10211	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 7, 1, 0)	19
10213	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 2, 2, 1, 5, 1, 2, 1, 2, 3, 2, 1, 2, 2, 2, 3, 1, 1, 2, 1, 1, 1, 1, 1, 3, 2, 1, 1, 1, 1, 1, 1, 1, 1, 1, 2, 1, 2, 2, 1, 2, 1, 4, 0)	65
10215	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 1, 1, 1, 1, 4, 2, 1, 1, 1, 3, 1, 1, 1, 2, 1, 1, 4, 1, 2, 1, 2, 3, 1, 1, 1, 2, 4, 1, 1, 2, 1, 1, 0)	53
10217	(4, 3, 6, 4, 4, 3, 1, 1, 3, 1, 1, 1, 2, 5, 1, 1, 2, 1, 1, 1, 2, 2, 2, 1, 1, 2, 1, 1, 1, 2, 0)	31
10219	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 4, 1, 1, 1, 1, 1, 1, 1, 1, 3, 4, 2, 1, 1, 1, 2, 2, 1, 0)	29
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10225	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 5, 2, 0)	19
10227	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 3, 2, 2, 2, 2, 2, 3, 1, 1, 2, 1, 2, 3, 1, 0)	48
10229	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 5, 3, 2, 1, 1, 2, 1, 2, 1, 1, 1, 1, 1, 5, 0)	48

10231	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 5, 2, 1, 2, 3, 1, 1, 0)	19
10233	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 1, 2, 2, 2, 4, 1, 2, 3, 1, 2, 1, 2, 1, 2, 0)	65
10235	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 2, 5, 1, 4, 1, 6, 2, 1, 2, 2, 1, 2, 2, 1, 1, 1, 1, 2, 1, 1, 1, 2, 1, 2, 1, 2, 1, 0)	41
10237	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 2, 5, 3, 3, 6, 1, 1, 2, 1, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 1, 1, 1, 1, 1, 1, 1, 3, 0)	41
10239	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 1, 2, 1, 1, 1, 2, 1, 4, 1, 2, 3, 5, 1, 1, 1, 1, 1, 2, 1, 1, 2, 1, 4, 4, 2, 1, 1, 3, 1, 2, 3, 1, 2, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 0)	89
10241	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 1, 4, 5, 1, 1, 1, 1, 1, 1, 2, 2, 2, 2, 2, 0)	65
10243	(4, 3, 2, 1, 3, 1, 8, 2, 2, 4, 1, 0)	12
10245	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 2, 2, 1, 2, 2, 2, 4, 0)	53
10247	(4, 3, 2, 1, 3, 1, 10, 3, 2, 1, 1, 0)	12
10249	(4, 5, 1, 1, 5, 1, 2, 2, 2, 4, 2, 2, 2, 3, 2, 1, 1, 2, 0)	19
10251	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 2, 2, 1, 4, 3, 2, 1, 0)	53
10253	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 3, 2, 4, 3, 0)	17
10255	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 2, 2, 3, 5, 1, 1, 1, 0)	53
10257	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 3, 4, 3, 2, 0)	17
10259	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 4, 1, 3, 2, 1, 3, 1, 0)	53
10261	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 6, 0)	17
10263	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 5, 5, 1, 1, 0)	17
10265	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 6, 2, 2, 1, 3, 1, 2, 2, 1, 1, 2, 2, 1, 3, 1, 2, 0)	48
10267	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 9, 2, 1, 1, 1, 1, 2, 1, 0)	53
10269	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 4, 1, 2, 3, 2, 1, 3, 0)	53
10271	(4, 5, 1, 1, 5, 1, 2, 4, 5, 1, 4, 1, 2, 2, 1, 1, 1, 1, 0)	19

10273	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 4, 3, 1, 3, 1, 2, 2, 0)	53
10275	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 4, 5, 1, 0)	17
10277	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 5, 2, 1, 1, 4, 0)	17
10279	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 8, 1, 1, 1, 4, 1, 2, 1, 1, 0)	53
10281	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 3, 1, 5, 1, 1, 4, 4, 1, 1, 2, 2, 2, 1, 1, 1, 1, 2, 0)	48
10283	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 1, 4, 2, 1, 3, 1, 2, 1, 1, 2, 1, 4, 2, 2, 1, 0)	29
10285	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 3, 3, 2, 3, 0)	17
10287	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 7, 2, 1, 2, 2, 1, 1, 1, 0)	53
10289	(4, 5, 1, 1, 5, 3, 3, 2, 1, 1, 3, 2, 1, 2, 1, 1, 4, 2, 0)	19
10291	(4, 5, 1, 1, 5, 3, 3, 2, 1, 1, 3, 2, 1, 2, 1, 3, 3, 1, 0)	19
10293	(4, 3, 2, 5, 4, 5, 0)	7
10295	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 3, 1, 1, 0)	41
10297	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 5, 2, 2, 1, 2, 0)	17
10299	(4, 5, 1, 1, 5, 3, 5, 1, 1, 1, 3, 1, 2, 1, 4, 1, 2, 1, 0)	19
10301	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 4, 3, 2, 2, 1, 1, 1, 5, 1, 1, 3, 0)	53
10303	(4, 5, 1, 5, 2, 1, 4, 4, 1, 3, 3, 1, 3, 1, 1, 1, 2, 1, 1, 2, 3, 1, 1, 1, 4, 1, 1, 1, 1, 1, 0)	31
10305	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 4, 3, 4, 1, 1, 1, 1, 1, 4, 2, 2, 0)	53
10307	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 4, 3, 4, 1, 1, 1, 1, 3, 1, 4, 1, 0)	53
10309	(4, 3, 2, 7, 3, 4, 0)	7
10311	(4, 3, 2, 1, 1, 4, 4, 1, 3, 6, 1, 2, 1, 2, 2, 1, 4, 2, 1, 1, 2, 1, 2, 1, 2, 2, 1, 1, 0)	29
10313	(4, 3, 2, 1, 1, 4, 4, 1, 5, 3, 1, 1, 1, 5, 1, 2, 1, 5, 1, 1, 1, 1, 1, 1, 3, 1, 1, 2, 0)	29
10315	(4, 3, 2, 11, 2, 1, 0)	7
10317	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 2, 2, 1, 3, 3, 0)	53

10319	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 4, 2, 3, 2, 4, 3, 1, 1, 1, 0)	53
10321	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 4, 1, 1, 3, 2, 0)	53
10323	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 3, 1, 1, 2, 1, 2, 2, 2, 1, 4, 1, 2, 1, 1, 2, 3, 2, 1, 1, 1, 3, 1, 0)	41
10325	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 8, 0)	36
10327	(4, 3, 2, 1, 1, 4, 2, 2, 3, 1, 4, 2, 4, 4, 1, 1, 0)	17
10329	(4, 3, 2, 1, 1, 4, 2, 2, 3, 1, 4, 4, 1, 4, 1, 2, 0)	17
10331	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 1, 5, 1, 2, 1, 2, 1, 1, 3, 3, 2, 1, 1, 3, 1, 1, 6, 3, 1, 2, 1, 2, 4, 2, 1, 1, 1, 1, 2, 1, 2, 1, 1, 1, 2, 1, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 2, 1, 0)	60
10333	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 5, 1, 3, 0)	17
10335	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 4, 1, 1, 1, 4, 4, 1, 1, 1, 3, 1, 4, 1, 1, 1, 1, 0)	65
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10341	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 4, 1, 3, 1, 4, 0)	17
10343	(4, 3, 2, 1, 1, 4, 4, 5, 2, 1, 2, 3, 2, 1, 2, 1, 3, 2, 3, 1, 2, 2, 1, 1, 1, 2, 1, 1, 0)	29
10345	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 1, 6, 1, 3, 3, 1, 1, 1, 2, 0)	53
10347	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 3, 1, 7, 1, 1, 1, 1, 1, 2, 3, 4, 1, 1, 1, 1, 2, 1, 2, 2, 1, 0)	48
10349	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 3, 1, 6, 1, 1, 1, 1, 2, 3, 0)	53
10351	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 3, 3, 4, 1, 1, 1, 2, 2, 2, 1, 1, 1, 4, 1, 2, 3, 1, 1, 1, 3, 1, 2, 1, 1, 2, 1, 2, 1, 1, 1, 0)	41
10353	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 8, 2, 0)	36
10355	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 3, 3, 2, 2, 3, 1, 0)	17
10357	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 5, 0)	12
10359	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 1, 1, 1, 1, 4, 2, 1, 1, 1, 3, 1, 1, 1, 2, 1, 1, 4, 3, 1, 1, 0)	41
10361	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 1, 1, 1, 1, 4, 2, 1, 1, 1, 1, 2, 1, 5, 1, 2, 1, 1, 2, 1, 2, 0)	41
10363	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 1, 1, 1, 1, 4, 2, 1, 1, 1, 3, 1, 1, 3, 1, 1, 3, 2, 1, 2, 1, 0)	41

10365	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 3, 0)	17
10367	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 2, 2, 1, 5, 1, 2, 1, 2, 3, 2, 1, 2, 2, 2, 3, 1, 1, 2, 1, 1, 1, 1, 1, 3, 2, 1, 1, 1, 1, 1, 1, 0)	53
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10371	(4, 3, 2, 1, 3, 3, 5, 1, 4, 4, 1, 0)	12
10373	(4, 3, 2, 1, 3, 3, 5, 3, 1, 2, 4, 0)	12
10375	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 1, 2, 5, 1, 1, 3, 1, 1, 3, 1, 4, 2, 1, 1, 0)	29
10377	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 1, 2, 3, 2, 5, 2, 3, 1, 1, 1, 2, 1, 1, 2, 0)	29
10379	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 2, 2, 1, 1, 1, 1, 1, 2, 4, 1, 2, 2, 1, 3, 2, 3, 1, 1, 1, 1, 1, 2, 1, 3, 2, 1, 0)	82
10381	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 5, 3, 0)	36
10383	(4, 3, 2, 1, 7, 2, 2, 5, 1, 4, 1, 1, 1, 1, 1, 2, 2, 2, 1, 4, 1, 1, 1, 0)	24
10385	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 1, 3, 1, 2, 2, 1, 4, 1, 1, 1, 2, 3, 2, 0)	29
10387	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 1, 3, 1, 2, 2, 1, 4, 1, 1, 3, 1, 3, 1, 0)	29
10389	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 1, 6, 0)	53
10391	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 9, 1, 1, 0)	36
10393	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 1, 2, 1, 5, 1, 2, 2, 3, 1, 2, 0)	53
10395	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 6, 2, 1, 4, 2, 1, 1, 1, 4, 2, 1, 1, 1, 2, 1, 0)	29
10397	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 1, 2, 5, 1, 2, 1, 3, 0)	53
10399	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 1, 3, 9, 1, 1, 1, 1, 1, 2, 1, 1, 1, 1, 0)	29
10401	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 4, 5, 3, 1, 3, 1, 1, 2, 1, 2, 2, 0)	53
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10405	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 4, 3, 3, 1, 1, 1, 3, 1, 1, 2, 3, 1, 2, 1, 1, 1, 1, 4, 0)	65
10407	(10, 1, 1, 4, 2, 3, 1, 1, 1, 2, 2, 1, 2, 5, 3, 2, 1, 1, 1, 3, 3, 1, 1, 2, 1, 1, 2, 2, 2, 1, 1, 1, 2, 1, 2, 1, 1, 0)	38
10409	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 9, 1, 4, 1, 1, 1, 2, 1, 1, 1, 1, 1, 1, 2, 0)	29

10411	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 8, 2, 1, 2, 1, 1, 3, 2, 2, 2, 1, 0)	53
10413	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 6, 2, 2, 3, 0)	36
10415	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 2, 2, 1, 1, 2, 1, 2, 3, 1, 4, 1, 1, 1, 3, 3, 4, 3, 1, 1, 1, 1, 1, 3, 1, 1, 2, 2, 1, 2, 2, 1, 2, 1, 2, 1, 1, 2, 1, 1, 1, 1, 3, 2, 1, 1, 1, 0)	94
10417	(4, 3, 2, 1, 3, 7, 2, 1, 2, 4, 2, 0)	12
10419	(4, 3, 2, 1, 3, 7, 2, 1, 4, 3, 1, 0)	12
10421	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 3, 1, 3, 2, 5, 0)	36
10423	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 1, 3, 1, 1, 1, 1, 2, 6, 1, 2, 1, 2, 1, 1, 2, 1, 3, 1, 1, 0)	48
10425	(4, 3, 2, 1, 3, 9, 1, 3, 2, 1, 2, 0)	12
10427	(10, 1, 3, 3, 1, 2, 1, 4, 1, 1, 2, 1, 2, 1, 5, 1, 1, 3, 1, 1, 2, 1, 2, 1, 1, 2, 1, 2, 2, 2, 2, 1, 1, 3, 1, 2, 1, 0)	38
10429	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 2, 2, 1, 1, 1, 1, 2, 4, 1, 1, 2, 2, 1, 1, 3, 0)	29
10431	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 2, 2, 1, 1, 1, 1, 2, 2, 6, 2, 1, 1, 1, 1, 1, 0)	29
10433	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 3, 3, 2, 1, 2, 2, 3, 1, 2, 3, 2, 2, 0)	53
10435	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 3, 3, 2, 1, 2, 2, 3, 3, 1, 1, 4, 1, 0)	53
10437	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 1, 4, 4, 0)	17
10439	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 1, 3, 2, 2, 3, 2, 2, 2, 1, 1, 2, 1, 3, 2, 2, 1, 1, 0)	29
10441	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 3, 7, 1, 1, 2, 0)	36
10443	(4, 5, 1, 5, 2, 3, 1, 2, 4, 2, 1, 1, 1, 2, 1, 4, 2, 1, 0)	19
10445	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 3, 3, 3, 0)	17
10447	(4, 5, 1, 5, 2, 1, 6, 3, 2, 2, 1, 2, 1, 1, 3, 1, 1, 1, 0)	19
10449	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 7, 1, 1, 1, 2, 1, 1, 2, 1, 1, 2, 2, 1, 2, 1, 3, 2, 0)	29
10451	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 7, 1, 1, 1, 2, 1, 1, 2, 1, 1, 2, 2, 3, 1, 1, 3, 1, 0)	29
10453	(4, 5, 1, 1, 5, 7, 0)	7
10455	(4, 3, 2, 1, 1, 4, 4, 1, 3, 6, 1, 2, 1, 4, 1, 1, 0)	17
10457	(4, 3, 2, 1, 1, 4, 4, 1, 5, 3, 1, 1, 1, 5, 1, 2, 0)	17
10459	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 3, 5, 1, 5, 1, 1, 2, 3, 1, 1, 2, 1, 0)	53

10461	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 3, 3, 4, 1, 2, 1, 2, 4, 2, 1, 1, 1, 1, 1, 2, 1, 1, 1, 1, 3, 1, 3, 0)	65
10463	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 4, 1, 1, 1, 3, 2, 1, 2, 2, 1, 1, 3, 3, 1, 2, 3, 1, 1, 1, 1, 0)	46
10465	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 2, 2, 1, 5, 4, 1, 3, 1, 2, 1, 2, 1, 1, 1, 1, 1, 1, 1, 2, 2, 0)	46
10467	(4, 5, 1, 1, 11, 1, 0)	7
10469	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 3, 1, 1, 2, 1, 2, 2, 2, 1, 4, 0)	29
10471	(4, 3, 2, 1, 3, 1, 2, 4, 6, 1, 2, 2, 2, 1, 1, 1, 6, 2, 1, 1, 1, 3, 2, 1, 1, 2, 1, 1, 0)	29
10473	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 1, 6, 1, 2, 2, 3, 2, 1, 1, 1, 2, 0)	29
10475	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 1, 2, 3, 4, 2, 1, 1, 2, 2, 1, 0)	29
10477	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 3, 1, 1, 3, 4, 1, 2, 3, 0)	36
10479	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 3, 1, 1, 3, 2, 5, 1, 1, 1, 1, 1, 3, 2, 3, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 0)	46
10481	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 2, 2, 5, 2, 0)	53
10483	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 1, 2, 6, 2, 1, 1, 3, 1, 1, 1, 1, 2, 2, 1, 1, 2, 3, 1, 0)	29
10485	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 4, 1, 1, 5, 0)	53
10487	(4, 3, 2, 1, 1, 4, 4, 5, 2, 1, 2, 3, 2, 3, 1, 1, 0)	17
10489	(4, 3, 2, 1, 1, 4, 4, 5, 2, 3, 1, 3, 1, 2, 1, 2, 0)	17
10491	(4, 3, 2, 1, 3, 1, 2, 6, 1, 8, 1, 1, 1, 1, 4, 2, 1, 2, 1, 3, 1, 1, 1, 1, 2, 1, 2, 1, 0)	29
10493	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 3, 1, 7, 1, 1, 1, 1, 3, 0)	36
10495	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 5, 4, 1, 2, 4, 1, 1, 1, 1, 1, 1, 1, 0)	29
10497	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 3, 3, 2, 2, 2, 0)	53
10499	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 3, 2, 2, 6, 1, 3, 2, 1, 2, 3, 1, 1, 1, 1, 1, 3, 1, 1, 1, 2, 1, 2, 1, 1, 1, 2, 1, 2, 1, 1, 2, 4, 1, 0)	46
10501	(4, 3, 6, 4, 2, 4, 0)	7
10503	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 3, 2, 2, 6, 1, 3, 2, 1, 2, 3, 1, 1, 1, 1, 1, 3, 1, 1, 1, 2, 1, 2, 1, 1, 1, 2, 3, 1, 1, 3, 2, 1, 1, 0)	46
10505	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 5, 2, 2, 1, 1, 2, 0)	53
10507	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 3, 1, 1, 1, 1, 3, 2, 3, 2, 1, 0)	53
10509	(4, 3, 8, 1, 4, 3, 0)	7

10511	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 1, 1, 1, 1, 6, 1, 1, 1, 0)	29
10513	(4, 3, 8, 3, 3, 2, 0)	7
10515	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 9, 2, 1, 1, 2, 3, 1, 4, 1, 1, 1, 4, 1, 2, 1, 1, 1, 1, 1, 1, 1, 1, 2, 1, 3, 1, 0)	65
10517	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 2, 3, 6, 0)	17
10519	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 5, 1, 1, 1, 3, 2, 2, 2, 1, 5, 1, 1, 0)	36
10521	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 5, 1, 1, 1, 3, 2, 4, 1, 1, 3, 1, 2, 0)	36
10523	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 1, 2, 1, 1, 1, 2, 1, 4, 1, 2, 3, 5, 1, 1, 1, 1, 1, 2, 1, 0)	65
10525	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 2, 2, 1, 1, 1, 1, 1, 2, 4, 1, 2, 2, 1, 3, 0)	70
10527	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 3, 1, 3, 6, 1, 1, 1, 2, 2, 1, 1, 4, 2, 1, 1, 1, 1, 0)	29
10529	(4, 3, 2, 1, 7, 2, 2, 5, 1, 2, 2, 0)	12
10531	(4, 3, 2, 1, 7, 4, 1, 1, 2, 5, 1, 0)	12
10533	(4, 3, 2, 1, 7, 4, 1, 3, 1, 1, 4, 0)	12
10535	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 2, 2, 1, 1, 1, 1, 3, 3, 2, 3, 1, 2, 1, 1, 0)	70
10537	(8, 2, 3, 6, 2, 1, 2, 2, 1, 2, 1, 1, 3, 1, 2, 1, 2, 1, 3, 3, 1, 1, 1, 1, 2, 0)	26
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10541	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 6, 2, 3, 0)	17
10543	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 3, 1, 1, 5, 2, 1, 1, 1, 1, 1, 1, 1, 4, 2, 2, 2, 1, 1, 1, 0)	65
10545	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 2, 4, 2, 1, 4, 2, 0)	53
10547	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 2, 4, 2, 3, 3, 1, 0)	53
10549	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 5, 0)	17
10551	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 1, 4, 2, 2, 4, 2, 2, 1, 1, 3, 1, 1, 0)	36
10553	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 3, 1, 2, 2, 2, 5, 1, 1, 2, 2, 1, 2, 0)	36

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10557	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 4, 3, 3, 1, 1, 3, 0)	53
10559	(10, 1, 1, 4, 2, 3, 1, 1, 1, 4, 1, 3, 2, 2, 1, 3, 3, 1, 1, 3, 1, 1, 1, 1, 1, 0)	26
10561	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 5, 2, 2, 0)	17
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10567	(4, 5, 7, 1, 2, 3, 1, 4, 4, 1, 1, 1, 1, 1, 2, 2, 1, 1, 0)	19
10569	(4, 3, 2, 1, 1, 6, 3, 4, 3, 1, 2, 2, 3, 1, 1, 2, 0)	17
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10573	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 1, 3, 1, 1, 1, 3, 3, 0)	36
10575	(10, 1, 3, 3, 1, 2, 1, 4, 1, 1, 2, 1, 2, 1, 5, 1, 1, 3, 1, 1, 2, 3, 1, 1, 1, 0)	26
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10579	(4, 3, 2, 1, 1, 6, 5, 5, 3, 1, 1, 1, 1, 1, 3, 1, 0)	17
10581	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 10, 0)	41
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10587	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 3, 1, 1, 1, 1, 1, 1, 2, 3, 2, 1, 2, 4, 2, 1, 1, 2, 1, 0)	46
10589	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 1, 3, 4, 1, 3, 0)	17
10591	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 4, 1, 5, 1, 5, 1, 1, 1, 1, 0)	53
10593	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 3, 1, 1, 1, 1, 1, 3, 1, 3, 3, 1, 1, 2, 2, 1, 1, 2, 2, 0)	46
10595	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 2, 2, 1, 1, 1, 2, 6, 1, 0)	34
10597	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 2, 2, 1, 1, 1, 4, 1, 4, 0)	34
10599	(4, 3, 2, 1, 1, 4, 4, 5, 2, 1, 2, 3, 2, 1, 2, 1, 3, 2, 3, 1, 2, 2, 1, 1, 1, 2, 1, 1, 1, 2, 2, 1, 1, 1, 2, 7, 1, 1, 1, 1, 1, 1, 4, 1, 1, 2, 1, 2, 1, 1, 3, 1, 1, 1, 1, 2, 1, 1, 0)	58
10601	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 7, 1, 1, 1, 2, 0)	17
10603	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 6, 2, 2, 2, 2, 2, 2, 1, 1, 1, 1, 1, 2, 3, 1, 2, 2, 1, 0)	36

10605	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 5, 2, 2, 2, 3, 1, 2, 2, 2, 1, 2, 1, 1, 2, 3, 0)	53
10607	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 11, 1, 2, 1, 1, 1, 0)	17
10609	(4, 5, 1, 5, 6, 2, 0)	7
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10613	(4, 5, 1, 7, 1, 5, 0)	7
10615	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 7, 2, 1, 1, 1, 1, 3, 3, 1, 1, 0)	53
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10619	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 2, 6, 1, 2, 1, 1, 2, 2, 2, 2, 1, 2, 1, 0)	34
10621	(4, 3, 2, 1, 3, 1, 2, 4, 6, 1, 2, 4, 1, 1, 1, 3, 0)	17
10623	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 3, 1, 1, 3, 2, 5, 1, 1, 1, 1, 1, 1, 0)	34
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10627	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 1, 2, 2, 3, 4, 1, 0)	17
10629	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 1, 4, 1, 1, 2, 4, 0)	17
10631	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 1, 2, 6, 2, 1, 1, 0)	17
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10635	(4, 3, 2, 1, 3, 1, 2, 6, 1, 6, 2, 1, 1, 3, 2, 1, 0)	17
10637	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 1, 6, 3, 0)	17
10639	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 3, 3, 4, 1, 1, 1, 0)	17
10641	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 1, 4, 4, 2, 3, 2, 0)	17
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10645	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 6, 0)	17
10647	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 1, 6, 1, 6, 1, 1, 0)	17
10649	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 1, 6, 3, 3, 1, 2, 0)	17
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10655	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 5, 3, 2, 2, 2, 3, 3, 2, 1, 2, 1, 1, 1, 1, 0)	53

10657	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 4, 1, 1, 1, 4, 1, 2, 2, 1, 2, 2, 0)	29
10659	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 1, 5, 1, 0)	17
10661	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 3, 1, 1, 1, 4, 0)	17
10663	(4, 3, 2, 1, 3, 1, 4, 1, 2, 5, 6, 2, 1, 2, 1, 1, 0)	17
10665	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 4, 1, 2, 3, 2, 1, 1, 1, 4, 1, 1, 5, 1, 1, 1, 1, 3, 3, 1, 1, 1, 1, 1, 2, 0)	70
10667	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 5, 4, 2, 2, 1, 1, 2, 4, 1, 1, 1, 1, 2, 2, 2, 1, 0)	53
10669	(8, 2, 5, 1, 1, 2, 1, 4, 2, 1, 2, 2, 3, 0)	14
10671	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 4, 1, 4, 1, 4, 1, 1, 2, 4, 2, 1, 1, 1, 0)	29
10673	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 3, 1, 3, 4, 2, 0)	17
10675	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 3, 1, 5, 3, 1, 0)	17
10677	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 1, 2, 1, 1, 1, 2, 5, 0)	53
10679	(8, 2, 5, 1, 1, 2, 3, 3, 3, 1, 3, 1, 1, 0)	14
10681	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 3, 5, 2, 1, 2, 0)	17
10683	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 3, 5, 1, 3, 1, 1, 1, 1, 2, 1, 3, 1, 3, 1, 1, 1, 2, 3, 1, 2, 1, 0)	34
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10691	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 4, 1, 0)	58
10693	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 7, 4, 0)	41
10695	(4, 3, 2, 5, 4, 9, 1, 2, 1, 1, 1, 2, 1, 1, 1, 1, 1, 2, 2, 2, 2, 1, 1, 0)	24
10697	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 2, 2, 1, 1, 2, 1, 2, 3, 1, 4, 1, 1, 1, 1, 2, 2, 1, 2, 4, 1, 1, 2, 0)	70
10699	(10, 1, 1, 4, 2, 1, 2, 1, 3, 2, 4, 2, 1, 0)	14
10701	(10, 1, 1, 4, 2, 3, 1, 1, 1, 2, 2, 3, 3, 0)	14
10703	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 4, 3, 2, 2, 1, 1, 1, 5, 1, 1, 3, 3, 2, 2, 1, 1, 2, 1, 2, 1, 1, 2, 2, 1, 3, 1, 1, 1, 0)	70

10705	(10, 1, 1, 4, 2, 3, 1, 1, 1, 4, 1, 3, 2, 0)	14
10707	(10, 1, 1, 4, 2, 1, 2, 5, 2, 1, 1, 3, 1, 0)	14
10709	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 7, 0)	24
10711	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 1, 2, 1, 3, 1, 1, 2, 4, 2, 1, 2, 1, 1, 4, 1, 1, 0)	34
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10715	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 4, 2, 3, 2, 4, 1, 2, 1, 1, 1, 2, 2, 3, 1, 2, 1, 1, 2, 1, 1, 1, 5, 1, 1, 2, 1, 0)	70
10717	(4, 5, 7, 3, 1, 3, 0)	7
10719	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 4, 2, 3, 2, 4, 1, 2, 1, 1, 1, 2, 2, 1, 6, 3, 1, 1, 1, 1, 1, 1, 3, 1, 1, 1, 1, 0)	70
10721	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 3, 1, 1, 3, 2, 2, 1, 1, 1, 2, 4, 1, 1, 1, 2, 2, 0)	34
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10725	(10, 1, 3, 3, 1, 2, 1, 4, 1, 1, 2, 1, 4, 0)	14
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10731	(10, 1, 3, 1, 4, 6, 1, 1, 1, 1, 2, 2, 1, 0)	14
10733	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 3, 0)	24
10735	(4, 3, 2, 1, 3, 3, 3, 6, 1, 1, 1, 1, 1, 1, 3, 2, 1, 4, 2, 5, 1, 2, 1, 1, 2, 1, 1, 1, 0)	29
10737	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 5, 2, 0)	24
10739	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 5, 3, 1, 2, 3, 1, 0)	24
10741	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 1, 2, 1, 1, 1, 5, 0)	34
10743	(4, 3, 2, 1, 1, 4, 4, 5, 2, 1, 2, 3, 2, 1, 2, 1, 3, 2, 3, 1, 2, 2, 1, 1, 1, 2, 1, 1, 1, 2, 2, 1, 1, 3, 1, 1, 1, 4, 1, 1, 1, 2, 3, 1, 1, 0)	46
10745	(4, 3, 2, 1, 3, 1, 4, 3, 7, 1, 2, 2, 1, 2, 1, 2, 0)	17
10747	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 1, 2, 5, 1, 2, 1, 2, 1, 0)	34
10749	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 1, 2, 1, 5, 3, 1, 2, 1, 1, 1, 1, 1, 3, 0)	34
10751	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 1, 6, 1, 3, 1, 2, 5, 2, 1, 1, 3, 2, 2, 3, 1, 1, 1, 2, 1, 1, 1, 1, 1, 1, 1, 1, 0)	70
10753	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 5, 2, 1, 2, 2, 2, 2, 0)	24
10755	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 3, 1, 3, 2, 4, 1, 0)	24
10757	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 1, 5, 1, 2, 1, 2, 1, 1, 1, 2, 2, 4, 0)	24

10759	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 2, 2, 1, 5, 1, 2, 1, 2, 3, 2, 1, 2, 2, 2, 3, 1, 1, 2, 1, 1, 1, 1, 1, 3, 2, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 2, 1, 2, 2, 1, 2, 3, 1, 2, 3, 2, 1, 1, 0)	70
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10769	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 7, 3, 2, 0)	41
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10773	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 6, 0)	22
10775	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 5, 3, 2, 1, 1, 2, 3, 1, 1, 1, 1, 1, 1, 1, 2, 2, 5, 1, 1, 0)	53
10777	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 5, 3, 2, 1, 1, 2, 3, 1, 1, 1, 1, 1, 1, 1, 4, 1, 3, 1, 2, 0)	53
10779	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 5, 3, 2, 1, 1, 2, 1, 2, 1, 1, 1, 1, 7, 1, 1, 1, 1, 2, 1, 0)	53
10781	(4, 9, 4, 2, 1, 3, 0)	7
10783	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 5, 3, 2, 1, 1, 2, 3, 1, 1, 1, 1, 1, 5, 2, 2, 1, 1, 1, 1, 0)	53
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10787	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 3, 5, 1, 0)	22
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10875	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 6, 4, 2, 1, 2, 1, 0)	41
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10879	(4, 3, 2, 1, 3, 1, 2, 4, 6, 1, 2, 2, 2, 1, 1, 3, 1, 1, 2, 2, 1, 5, 5, 1, 1, 1, 1, 2, 1, 1, 1, 1, 4, 1, 2, 1, 3, 1, 2, 1, 1, 1, 1, 1, 1, 0)	46
10881	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 1, 5, 1, 2, 1, 2, 1, 1, 3, 3, 2, 1, 1, 3, 1, 1, 6, 3, 1, 2, 1, 2, 4, 2, 1, 1, 1, 1, 2, 1, 2, 1, 1, 1, 2, 1, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 2, 1, 1, 1, 2, 2, 2, 0)	65
10883	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 5, 4, 1, 0)	17
10885	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 4, 1, 3, 1, 2, 1, 2, 1, 2, 4, 0)	22
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10903	(4, 3, 2, 1, 3, 3, 3, 6, 1, 1, 1, 1, 1, 7, 1, 1, 0)	17
10905	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 3, 3, 2, 2, 1, 2, 1, 2, 3, 1, 2, 0)	22
10907	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 3, 3, 1, 4, 2, 4, 1, 1, 2, 1, 1, 1, 2, 1, 0)	58
10909	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 1, 1, 1, 1, 4, 2, 1, 1, 1, 3, 1, 1, 1, 2, 1, 1, 4, 1, 2, 1, 2, 1, 2, 1, 3, 0)	46
10911	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 7, 2, 1, 1, 2, 2, 1, 2, 2, 1, 2, 2, 1, 1, 4, 1, 1, 2, 1, 1, 1, 1, 0)	70
10913	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 1, 1, 1, 1, 4, 2, 1, 1, 1, 1, 2, 1, 5, 1, 2, 1, 1, 2, 1, 2, 1, 2, 1, 2, 2, 0)	46
10915	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 4, 1, 1, 1, 1, 1, 1, 1, 1, 5, 1, 0)	22
10917	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 2, 2, 1, 5, 1, 2, 1, 2, 3, 2, 1, 2, 2, 2, 3, 1, 1, 2, 1, 1, 1, 1, 1, 3, 2, 1, 1, 1, 1, 1, 1, 1, 1, 1, 4, 0)	58
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10921	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 4, 1, 1, 3, 1, 1, 1, 1, 5, 5, 1, 2, 1, 4, 1, 3, 1, 2, 1, 1, 1, 2, 2, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 2, 0)	58
10923	(4, 3, 2, 1, 3, 3, 5, 1, 4, 2, 2, 2, 2, 2, 2, 1, 0)	17
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10937	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 1, 2, 4, 3, 2, 1, 2, 0)	58
10939	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 1, 3, 1, 2, 2, 1, 4, 1, 1, 1, 2, 3, 2, 1, 3, 1, 2, 1, 0)	34
10941	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 1, 4, 3, 2, 1, 1, 3, 0)	58

10943	(4, 3, 2, 1, 7, 4, 1, 1, 2, 3, 4, 2, 2, 4, 1, 2, 1, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 1, 0)	29
10945	(4, 5, 1, 1, 3, 4, 2, 4, 3, 2, 2, 0)	12
10947	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 3, 3, 2, 1, 1, 4, 1, 0)	58
10949	(4, 5, 1, 1, 5, 1, 2, 2, 2, 4, 4, 0)	12
10951	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 1, 2, 5, 1, 2, 1, 1, 4, 2, 2, 1, 1, 0)	58
10953	(4, 5, 1, 1, 3, 4, 4, 5, 1, 1, 2, 0)	12
10955	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 3, 1, 1, 3, 2, 1, 1, 4, 2, 1, 0)	58
10957	(4, 5, 1, 1, 5, 1, 2, 2, 4, 3, 3, 0)	12
10959	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 2, 4, 2, 3, 3, 1, 1, 3, 3, 3, 1, 1, 1, 1, 2, 2, 1, 1, 1, 3, 1, 1, 1, 0)	70
10961	(4, 5, 1, 1, 3, 6, 3, 2, 1, 3, 2, 0)	12
10963	(4, 5, 1, 1, 3, 6, 5, 1, 1, 3, 1, 0)	12
10965	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 7, 0)	46
10967	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 6, 2, 2, 1, 3, 1, 4, 1, 1, 0)	41
10969	(4, 5, 1, 1, 5, 1, 2, 4, 5, 1, 2, 0)	12
10971	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 2, 2, 1, 1, 2, 1, 2, 3, 1, 4, 1, 1, 1, 3, 3, 4, 3, 1, 1, 1, 1, 1, 3, 1, 1, 2, 2, 1, 2, 2, 1, 2, 1, 2, 1, 1, 2, 1, 1, 1, 1, 3, 2, 1, 1, 1, 3, 1, 1, 2, 1, 0)	99
10973	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 3, 1, 3, 2, 3, 2, 1, 3, 1, 3, 0)	41
10975	(4, 3, 2, 1, 3, 7, 2, 1, 4, 1, 4, 3, 1, 1, 1, 1, 0)	17
10977	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 1, 3, 1, 1, 1, 1, 4, 3, 1, 1, 1, 1, 1, 4, 3, 1, 2, 2, 1, 1, 1, 1, 2, 2, 0)	53
10979	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 8, 1, 0)	46
10981	(4, 5, 1, 1, 5, 1, 4, 3, 2, 1, 4, 0)	12
10983	(4, 3, 2, 1, 1, 6, 3, 4, 3, 1, 2, 2, 3, 1, 1, 4, 2, 1, 2, 3, 1, 1, 2, 2, 1, 1, 1, 2, 1, 1, 2, 1, 1, 0)	34
10985	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 7, 3, 2, 1, 1, 1, 1, 1, 2, 1, 2, 2, 1, 1, 1, 2, 0)	58
10987	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 2, 2, 1, 1, 1, 1, 2, 4, 1, 1, 4, 1, 1, 1, 3, 1, 1, 2, 2, 1, 0)	34

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10993	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 5, 2, 0)	46
10995	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 1, 3, 2, 2, 3, 2, 2, 2, 1, 1, 2, 1, 3, 2, 2, 1, 1, 1, 1, 2, 3, 1, 0)	34
10997	(4, 5, 1, 1, 5, 3, 3, 2, 1, 1, 5, 0)	12
10999	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 3, 1, 4, 2, 2, 3, 1, 1, 0)	22
11001	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 3, 3, 1, 4, 1, 2, 1, 2, 0)	22
11003	(4, 5, 1, 5, 2, 1, 4, 4, 1, 3, 3, 1, 3, 1, 1, 1, 2, 1, 1, 2, 1, 2, 1, 0)	24
11005	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 3, 1, 1, 1, 1, 1, 3, 1, 3, 3, 1, 1, 2, 2, 1, 1, 2, 4, 2, 2, 1, 1, 1, 1, 1, 2, 2, 1, 2, 2, 1, 1, 1, 1, 3, 0)	63
11007	(4, 5, 1, 5, 2, 3, 1, 2, 6, 1, 1, 1, 3, 2, 4, 2, 1, 1, 1, 1, 1, 1, 1, 0)	24
11009	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 3, 3, 4, 1, 2, 1, 2, 4, 2, 1, 1, 1, 1, 1, 2, 1, 1, 1, 1, 1, 2, 1, 1, 4, 2, 2, 2, 0)	70
11011	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 3, 3, 4, 1, 2, 1, 2, 4, 2, 1, 1, 1, 1, 1, 2, 1, 1, 1, 1, 1, 2, 1, 3, 1, 2, 4, 1, 0)	70
11013	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 4, 3, 2, 4, 0)	46
11015	(4, 3, 2, 1, 1, 4, 4, 1, 5, 3, 1, 1, 1, 5, 1, 2, 1, 3, 2, 1, 1, 0)	22
11017	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 3, 5, 1, 5, 1, 1, 2, 3, 1, 1, 2, 1, 2, 2, 1, 1, 2, 0)	58
11019	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 4, 1, 1, 1, 3, 2, 1, 2, 2, 1, 1, 3, 3, 1, 2, 1, 2, 1, 1, 1, 1, 2, 3, 2, 1, 0)	51
11021	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 2, 2, 1, 3, 2, 1, 1, 4, 3, 0)	58
11023	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 10, 1, 1, 1, 0)	46
11025	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 2, 2, 1, 3, 2, 1, 3, 3, 2, 0)	58
11027	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 3, 1, 1, 2, 1, 2, 2, 2, 1, 4, 1, 2, 1, 3, 1, 0)	34
11029	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 4, 6, 0)	46
11031	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 2, 2, 1, 5, 1, 1, 5, 1, 1, 0)	58
11033	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 1, 2, 3, 4, 2, 1, 1, 2, 2, 1, 1, 1, 3, 1, 2, 0)	34

11035	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 3, 1, 1, 2, 1, 8, 2, 1, 1, 1, 1, 1, 1, 2, 1, 0)	34
11037	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 4, 1, 1, 1, 4, 2, 2, 1, 3, 0)	58
11039	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 3, 1, 1, 3, 2, 5, 1, 1, 1, 1, 1, 3, 2, 3, 1, 2, 1, 1, 1, 1, 2, 1, 1, 3, 2, 1, 1, 1, 1, 0)	51
11041	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 4, 1, 1, 3, 1, 4, 1, 2, 2, 0)	58
11043	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 5, 3, 2, 5, 1, 0)	46
11045	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 5, 5, 1, 1, 4, 0)	46
11047	(4, 3, 2, 1, 1, 4, 4, 5, 2, 1, 2, 3, 2, 3, 1, 1, 3, 1, 2, 1, 1, 0)	22
11049	(4, 3, 2, 1, 1, 4, 4, 5, 2, 3, 1, 3, 1, 2, 1, 4, 1, 1, 1, 1, 2, 0)	22
11051	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 3, 1, 7, 1, 1, 1, 1, 1, 2, 3, 2, 2, 1, 0)	41
11053	(4, 3, 8, 1, 2, 2, 1, 1, 4, 2, 3, 0)	12
11055	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 5, 4, 1, 2, 2, 2, 1, 1, 1, 1, 1, 3, 2, 2, 1, 1, 1, 0)	34
11057	(4, 3, 8, 1, 2, 2, 1, 3, 1, 4, 2, 0)	12
11059	(4, 3, 8, 1, 2, 2, 1, 3, 3, 3, 1, 0)	12
11061	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 3, 5, 0)	46
11063	(4, 3, 6, 4, 4, 3, 1, 1, 3, 1, 1, 0)	12
11065	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 5, 2, 2, 1, 1, 2, 1, 2, 2, 1, 2, 0)	58
11067	(4, 3, 8, 1, 4, 1, 1, 5, 1, 2, 1, 0)	12
11069	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 1, 1, 1, 1, 4, 2, 1, 1, 1, 3, 1, 1, 3, 0)	34
11071	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 4, 1, 1, 3, 1, 1, 1, 5, 2, 1, 1, 1, 4, 1, 1, 1, 1, 2, 3, 1, 1, 1, 1, 1, 0)	46
11073	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 8, 2, 2, 0)	46
11075	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 2, 3, 4, 2, 2, 1, 4, 1, 0)	22
11077	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 1, 2, 3, 2, 1, 3, 4, 0)	22
11079	(4, 3, 12, 2, 2, 1, 1, 2, 2, 1, 1, 0)	12
11081	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 2, 5, 1, 4, 3, 1, 1, 2, 0)	22
11083	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 1, 2, 3, 2, 5, 2, 1, 0)	22
11085	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 1, 2, 5, 1, 1, 3, 3, 0)	22

11087	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 2, 2, 1, 1, 1, 1, 1, 2, 4, 1, 2, 2, 1, 3, 2, 3, 1, 1, 1, 0)	75
11089	(4, 3, 2, 1, 7, 2, 2, 5, 1, 2, 2, 1, 1, 1, 3, 2, 0)	17
11091	(4, 3, 2, 1, 7, 2, 2, 5, 1, 4, 1, 1, 1, 1, 3, 1, 0)	17
11093	(4, 3, 2, 1, 1, 4, 2, 2, 9, 0)	10
11095	(4, 3, 2, 1, 7, 4, 1, 3, 1, 3, 1, 1, 2, 4, 1, 1, 0)	17
11097	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 1, 1, 4, 4, 1, 2, 0)	22
11099	(8, 2, 3, 6, 2, 1, 2, 2, 1, 2, 1, 1, 3, 1, 2, 1, 2, 1, 3, 1, 2, 1, 1, 3, 2, 2, 1, 1, 2, 1, 0)	31
11101	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 1, 3, 1, 4, 1, 3, 0)	22
11103	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 6, 2, 1, 6, 1, 1, 1, 1, 0)	22
11105	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 3, 1, 1, 5, 2, 1, 1, 1, 1, 1, 1, 1, 4, 2, 2, 2, 1, 1, 1, 2, 1, 1, 2, 2, 0)	70
11107	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 4, 3, 6, 1, 0)	46
11109	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 4, 5, 1, 4, 0)	46
11111	(4, 3, 2, 1, 15, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 1, 0)	17
11113	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 1, 4, 2, 2, 4, 2, 2, 1, 1, 1, 2, 1, 4, 1, 1, 1, 2, 0)	41
11115	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 4, 3, 1, 2, 1, 1, 5, 1, 2, 2, 1, 0)	58
11117	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 4, 3, 3, 1, 1, 1, 3, 1, 1, 2, 3, 0)	58
11119	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 4, 1, 6, 1, 2, 3, 1, 2, 1, 1, 1, 0)	58
11121	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 1, 6, 2, 0)	46
11123	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 8, 2, 3, 1, 0)	46
11125	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 5, 0)	46
11127	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 1, 1, 2, 1, 1, 3, 2, 2, 3, 3, 1, 1, 0)	41
11129	(4, 3, 2, 1, 1, 6, 3, 2, 6, 1, 1, 3, 1, 3, 2, 1, 1, 1, 2, 1, 2, 0)	22
11131	(4, 5, 7, 1, 2, 3, 1, 4, 4, 1, 1, 1, 1, 1, 2, 2, 1, 1, 2, 2, 1, 2, 1, 0)	24
11133	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 1, 3, 1, 1, 1, 1, 4, 3, 1, 1, 1, 3, 0)	41
11135	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 4, 2, 3, 2, 4, 1, 2, 1, 1, 1, 2, 2, 3, 1, 2, 1, 1, 2, 1, 1, 1, 5, 1, 3, 1, 1, 1, 2, 3, 2, 2, 1, 3, 1, 1, 1, 3, 1, 1, 1, 1, 1, 1, 0)	87

11137	(10, 1, 3, 3, 1, 2, 1, 4, 1, 1, 2, 1, 2, 1, 5, 1, 1, 3, 1, 1, 2, 1, 2, 1, 1, 2, 1, 2, 2, 2, 0)	31
11139	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 8, 1, 1, 3, 4, 1, 0)	46
11141	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 2, 2, 1, 1, 1, 1, 2, 4, 0)	22
11143	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 8, 1, 5, 2, 1, 1, 0)	46
11145	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 1, 2, 5, 2, 2, 2, 3, 1, 1, 5, 1, 2, 1, 3, 1, 1, 1, 1, 3, 1, 1, 1, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 2, 0)	51
11147	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 3, 2, 1, 0)	22
11149	(4, 3, 2, 1, 1, 4, 2, 8, 3, 0)	10
11151	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 1, 3, 2, 2, 3, 2, 4, 1, 1, 1, 0)	22
11153	(4, 5, 1, 5, 2, 1, 4, 2, 2, 3, 2, 0)	12
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11157	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 3, 3, 2, 1, 6, 0)	46
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11165	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 7, 1, 1, 1, 2, 1, 1, 2, 1, 3, 0)	22
11167	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 5, 2, 1, 5, 1, 2, 1, 1, 1, 1, 0)	22
11169	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 5, 2, 2, 2, 3, 1, 2, 2, 2, 1, 2, 1, 1, 2, 1, 3, 2, 1, 2, 2, 0)	58
11171	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 3, 5, 1, 5, 1, 0)	46
11173	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 4, 1, 1, 1, 3, 2, 1, 2, 2, 1, 1, 1, 4, 0)	39
11175	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 5, 2, 1, 4, 3, 2, 1, 1, 3, 2, 1, 1, 2, 1, 1, 1, 1, 2, 2, 2, 1, 2, 1, 1, 0)	41
11177	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 3, 3, 4, 1, 2, 1, 2, 4, 2, 1, 1, 1, 1, 1, 2, 0)	58
11179	(4, 5, 1, 7, 1, 5, 1, 2, 2, 2, 1, 0)	12
11181	(4, 3, 2, 1, 3, 1, 2, 4, 6, 1, 2, 2, 2, 1, 1, 3, 1, 1, 2, 2, 3, 0)	22
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11187	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 1, 6, 3, 1, 0)	22
11189	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 1, 2, 5, 0)	22
11191	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 9, 1, 3, 1, 1, 0)	46

11193	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 1, 4, 1, 1, 2, 2, 1, 4, 2, 1, 2, 0)	22
11195	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 1, 4, 1, 1, 2, 2, 3, 3, 1, 2, 1, 0)	22
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11199	(4, 9, 4, 2, 1, 1, 2, 1, 4, 1, 4, 1, 1, 3, 2, 2, 1, 2, 1, 1, 1, 1, 1, 0)	24
11201	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 1, 6, 1, 2, 1, 3, 2, 2, 0)	22
11203	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 1, 6, 3, 1, 1, 1, 4, 1, 0)	22
11205	(4, 3, 2, 1, 1, 4, 4, 5, 4, 0)	10
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11209	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 1, 4, 6, 1, 1, 2, 1, 4, 1, 1, 2, 0)	22
11211	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 3, 1, 1, 3, 4, 2, 1, 0)	22
11213	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 4, 1, 1, 1, 2, 1, 1, 1, 1, 2, 3, 3, 0)	34
11215	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 1, 6, 1, 4, 2, 3, 1, 3, 1, 1, 1, 0)	22
11217	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 4, 1, 1, 1, 2, 1, 1, 1, 3, 1, 3, 2, 0)	34
11219	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 3, 2, 2, 6, 1, 3, 2, 1, 2, 3, 1, 1, 1, 1, 1, 3, 1, 1, 1, 2, 1, 2, 1, 1, 3, 1, 0)	39
11221	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 7, 0)	29
11223	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 5, 3, 2, 2, 2, 3, 3, 2, 1, 2, 1, 1, 1, 1, 1, 1, 4, 1, 1, 0)	58
11225	(4, 3, 2, 1, 1, 4, 10, 1, 2, 0)	10
11227	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 1, 3, 2, 4, 1, 1, 2, 1, 0)	22
11229	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 3, 1, 3, 0)	46
11231	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 3, 1, 1, 1, 1, 0)	22
11233	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 4, 1, 2, 3, 2, 1, 1, 1, 4, 1, 1, 5, 1, 1, 1, 1, 3, 1, 2, 1, 1, 1, 3, 2, 1, 1, 1, 2, 2, 0)	75
11235	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 7, 1, 0)	29
11237	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 1, 2, 1, 1, 1, 2, 1, 4, 1, 2, 1, 4, 0)	58
11239	(8, 2, 5, 1, 1, 2, 1, 4, 2, 1, 2, 2, 5, 1, 1, 2, 1, 1, 0)	19
11241	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 4, 1, 4, 1, 4, 1, 1, 2, 6, 1, 1, 1, 1, 2, 1, 1, 1, 2, 0)	34
11243	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 3, 1, 3, 6, 1, 1, 1, 2, 2, 1, 0)	22
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11247	(8, 2, 3, 2, 3, 6, 1, 1, 4, 1, 1, 3, 1, 1, 2, 1, 1, 1, 0)	19

11249	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 5, 1, 1, 5, 2, 0)	29
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11253	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 2, 2, 1, 1, 1, 1, 5, 0)	63
11255	(8, 2, 3, 6, 2, 1, 2, 2, 1, 2, 1, 1, 3, 1, 2, 3, 1, 1, 0)	19
11257	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 3, 5, 1, 3, 1, 1, 1, 1, 2, 5, 2, 2, 2, 1, 1, 2, 1, 1, 1, 1, 1, 2, 1, 2, 1, 2, 0)	39
11259	(8, 2, 5, 1, 3, 1, 5, 1, 2, 1, 2, 2, 2, 1, 2, 1, 2, 1, 0)	19
11261	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 3, 1, 1, 5, 2, 1, 1, 1, 1, 1, 1, 3, 0)	58
11263	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 7, 2, 1, 4, 1, 1, 1, 3, 5, 1, 1, 1, 3, 1, 1, 1, 2, 1, 2, 2, 2, 1, 1, 1, 1, 1, 1, 1, 1, 1, 0)	75
11265	(10, 1, 1, 4, 2, 3, 1, 1, 1, 2, 2, 1, 2, 3, 2, 2, 2, 2, 0)	19
11267	(10, 1, 1, 4, 2, 3, 1, 1, 1, 2, 2, 3, 1, 1, 2, 2, 4, 1, 0)	19
11269	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 1, 4, 2, 2, 4, 0)	29
11271	(10, 1, 1, 4, 2, 3, 1, 1, 1, 2, 2, 3, 1, 3, 3, 2, 1, 1, 0)	19
11273	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 4, 3, 2, 2, 1, 1, 1, 5, 1, 1, 3, 3, 2, 2, 1, 1, 2, 1, 2, 1, 1, 2, 2, 1, 1, 2, 1, 1, 3, 2, 1, 1, 2, 0)	75
11275	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 1, 6, 3, 2, 1, 0)	29
11277	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 3, 1, 2, 4, 3, 0)	29
11279	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 5, 2, 5, 1, 1, 1, 0)	29
11281	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 3, 1, 4, 3, 2, 0)	29
11283	(4, 5, 7, 1, 2, 1, 4, 2, 1, 3, 1, 0)	12
11285	(4, 3, 2, 1, 1, 6, 3, 2, 6, 0)	10
11287	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 3, 3, 5, 1, 1, 0)	29
11289	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 4, 2, 3, 2, 4, 1, 2, 1, 1, 1, 2, 2, 1, 6, 3, 1, 1, 1, 1, 1, 1, 1, 2, 1, 1, 1, 2, 1, 3, 1, 2, 0)	75
11291	(4, 5, 1, 5, 2, 3, 3, 5, 1, 2, 1, 3, 3, 2, 2, 1, 2, 1, 1, 1, 1, 2, 1, 2, 3, 1, 1, 1, 1, 2, 2, 2, 2, 1, 1, 3, 1, 1, 2, 1, 2, 1, 2, 2, 1, 2, 1, 1, 1, 1, 2, 1, 0)	53
11293	(10, 1, 3, 3, 1, 2, 1, 4, 1, 1, 2, 1, 2, 1, 3, 2, 1, 3, 0)	19
11295	(10, 1, 1, 6, 1, 5, 3, 2, 1, 2, 1, 1, 2, 2, 1, 1, 1, 1, 0)	19

11297	(10, 1, 3, 3, 1, 2, 1, 4, 1, 1, 2, 3, 1, 1, 3, 1, 2, 2, 0)	19
11299	(4, 3, 2, 1, 1, 6, 5, 5, 1, 0)	10
11301	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 4, 0)	29
11303	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 5, 4, 1, 2, 1, 1, 0)	29
11305	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 6, 4, 2, 1, 1, 1, 1, 2, 0)	29
11307	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 1, 2, 1, 1, 1, 1, 3, 4, 2, 2, 1, 0)	39
11309	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 3, 1, 1, 1, 1, 1, 1, 2, 3, 2, 3, 0)	39
11311	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 7, 1, 2, 2, 1, 1, 1, 0)	29
11313	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 3, 1, 1, 1, 1, 1, 3, 1, 1, 4, 2, 0)	39
11315	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 3, 1, 1, 1, 1, 1, 3, 1, 3, 3, 1, 0)	39
11317	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 4, 5, 0)	46
11319	(4, 3, 2, 1, 3, 1, 4, 3, 7, 1, 2, 2, 1, 2, 3, 1, 1, 1, 3, 1, 1, 0)	22
11321	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 1, 2, 1, 5, 3, 1, 2, 1, 1, 1, 1, 1, 1, 3, 2, 2, 1, 2, 0)	39
11323	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 1, 2, 1, 5, 3, 3, 1, 1, 1, 1, 1, 1, 1, 1, 4, 1, 2, 1, 0)	39
11325	(4, 3, 2, 1, 1, 12, 1, 1, 3, 0)	10
11327	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 6, 2, 2, 2, 4, 1, 1, 1, 1, 1, 0)	29
11329	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 5, 2, 2, 2, 1, 4, 2, 2, 0)	46
11331	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 5, 2, 2, 2, 3, 1, 4, 1, 0)	46
11333	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 3, 3, 4, 0)	46
11335	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 1, 5, 1, 2, 1, 2, 1, 1, 1, 4, 3, 2, 1, 2, 2, 1, 1, 0)	29
11337	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 1, 5, 1, 2, 1, 2, 1, 1, 3, 3, 2, 1, 1, 3, 1, 1, 2, 0)	29
11339	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 7, 2, 1, 0)	46
11341	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 3, 3, 0)	27
11343	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 2, 6, 3, 1, 1, 1, 0)	27
11345	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 3, 1, 1, 3, 2, 0)	27
11347	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 4, 1, 1, 3, 1, 1, 1, 1, 5, 5, 1, 2, 1, 4, 1, 3, 1, 2, 1, 1, 1, 2, 2, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 4, 1, 1, 1, 2, 2, 3, 2, 1, 1, 1, 1, 2, 1, 1, 1, 3, 1, 0)	75
11349	(4, 3, 2, 1, 3, 1, 2, 4, 8, 0)	10
11351	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 5, 4, 1, 1, 0)	46
11353	(4, 9, 4, 2, 1, 1, 2, 1, 4, 1, 2, 0)	12

11355	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 5, 3, 2, 1, 1, 2, 1, 2, 1, 1, 1, 1, 7, 1, 1, 1, 3, 1, 1, 2, 1, 1, 2, 1, 0)	58
11357	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 4, 1, 1, 5, 1, 3, 0)	46
11359	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 5, 3, 2, 1, 1, 2, 3, 1, 1, 1, 1, 1, 5, 2, 2, 1, 1, 1, 1, 4, 1, 1, 1, 1, 0)	58
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11371	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 6, 2, 2, 1, 2, 1, 2, 2, 1, 0)	27
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11385	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 9, 2, 1, 1, 2, 1, 2, 0)	46
11387	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 4, 1, 2, 3, 2, 1, 1, 1, 2, 2, 1, 3, 3, 2, 1, 2, 1, 0)	63
11389	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 4, 1, 2, 3, 2, 1, 1, 1, 4, 1, 1, 3, 2, 1, 1, 1, 3, 0)	63
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11393	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 5, 4, 2, 2, 1, 1, 2, 2, 2, 0)	46
11395	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 4, 1, 2, 4, 4, 1, 0)	22
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11405	(8, 2, 3, 2, 5, 3, 0)	7
11407	(4, 3, 2, 5, 4, 1, 2, 3, 1, 3, 3, 1, 4, 1, 1, 1, 0)	17
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11413	(8, 2, 5, 1, 1, 6, 0)	7
11415	(8, 2, 3, 8, 1, 1, 0)	7
11417	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 5, 2, 1, 3, 2, 3, 1, 2, 0)	46
11419	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 9, 1, 1, 2, 2, 1, 1, 2, 2, 1, 1, 1, 2, 1, 0)	27
11421	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 3, 0)	46
11423	(4, 3, 2, 5, 4, 9, 1, 2, 1, 1, 1, 2, 1, 1, 1, 1, 0)	17
11425	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 5, 2, 2, 1, 2, 4, 1, 1, 1, 1, 1, 2, 1, 2, 2, 0)	27
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11433	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 7, 1, 6, 1, 1, 1, 1, 1, 1, 2, 0)	46
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11439	(4, 3, 2, 7, 3, 4, 2, 1, 2, 2, 1, 3, 2, 1, 1, 1, 0)	17
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11443	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 1, 2, 1, 3, 1, 1, 4, 3, 1, 0)	27
11445	(10, 1, 1, 4, 2, 5, 0)	7
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11449	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 7, 1, 2, 1, 1, 3, 2, 1, 2, 0)	46
11451	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 7, 3, 1, 1, 1, 3, 1, 2, 1, 0)	46
11453	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 3, 1, 1, 3, 2, 2, 1, 1, 3, 0)	27

11455	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 3, 1, 1, 2, 1, 2, 2, 2, 1, 4, 1, 2, 1, 1, 2, 3, 2, 1, 1, 1, 1, 4, 1, 3, 1, 3, 2, 1, 1, 1, 1, 1, 0)	51
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11467	(4, 3, 2, 1, 3, 3, 3, 6, 1, 1, 1, 1, 1, 1, 3, 2, 3, 1, 4, 2, 1, 0)	22
11469	(10, 1, 3, 3, 3, 3, 0)	7
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11473	(4, 3, 2, 1, 1, 4, 4, 5, 2, 1, 2, 3, 2, 1, 2, 1, 3, 2, 3, 1, 2, 2, 1, 1, 1, 2, 1, 1, 1, 2, 2, 1, 1, 1, 2, 1, 3, 2, 0)	39
11475	(4, 3, 2, 1, 1, 4, 4, 5, 2, 1, 2, 3, 2, 1, 2, 1, 3, 2, 3, 1, 2, 2, 1, 1, 1, 2, 1, 1, 1, 2, 2, 1, 1, 3, 1, 1, 3, 1, 0)	39
11477	(4, 3, 2, 1, 3, 1, 4, 3, 7, 0)	10
11479	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 3, 1, 6, 1, 1, 1, 1, 2, 1, 2, 3, 1, 1, 2, 2, 1, 4, 1, 1, 0)	63
11481	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 1, 2, 1, 5, 1, 2, 0)	27
11483	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 1, 6, 3, 1, 1, 2, 1, 0)	27
11485	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 3, 1, 3, 0)	27
11487	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 3, 3, 2, 2, 1, 2, 1, 2, 1, 4, 2, 3, 1, 1, 1, 1, 0)	27
11489	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 3, 3, 1, 4, 2, 4, 1, 1, 2, 1, 1, 3, 1, 1, 1, 1, 1, 2, 2, 0)	63
11491	(4, 3, 2, 1, 3, 1, 4, 9, 1, 0)	10
11493	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 2, 2, 1, 5, 1, 2, 1, 2, 3, 2, 1, 2, 2, 2, 3, 1, 1, 2, 1, 1, 1, 1, 1, 3, 2, 1, 1, 1, 1, 1, 1, 1, 1, 1, 2, 1, 2, 2, 1, 4, 0)	63
11495	(4, 3, 6, 4, 4, 3, 1, 1, 3, 1, 1, 1, 2, 5, 1, 1, 2, 1, 1, 1, 2, 2, 2, 1, 1, 2, 1, 1, 0)	29
11497	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 4, 1, 1, 1, 1, 1, 1, 1, 1, 3, 4, 2, 1, 1, 1, 2, 0)	27
11499	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 1, 1, 1, 1, 4, 2, 1, 1, 1, 3, 1, 1, 3, 1, 1, 3, 2, 1, 2, 1, 2, 3, 1, 1, 2, 1, 1, 2, 2, 1, 0)	51
11501	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 1, 5, 1, 2, 3, 0)	17

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11505	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 5, 2, 0)	17
11507	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 3, 2, 2, 2, 2, 2, 3, 1, 1, 2, 3, 1, 0)	46
11509	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 5, 0)	17
11511	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 5, 2, 3, 1, 1, 0)	17
11513	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 1, 2, 2, 2, 4, 1, 2, 3, 1, 2, 1, 2, 0)	63
11515	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 2, 5, 1, 4, 1, 6, 2, 1, 2, 2, 1, 2, 2, 1, 1, 1, 1, 2, 1, 1, 1, 2, 1, 2, 1, 0)	39
11517	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 5, 3, 2, 1, 1, 2, 3, 1, 1, 1, 1, 3, 0)	46
11519	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 2, 5, 3, 3, 6, 1, 1, 2, 1, 1, 2, 2, 1, 1, 1, 3, 1, 3, 1, 1, 1, 1, 1, 1, 1, 0)	39
11521	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 1, 4, 3, 2, 1, 1, 1, 1, 3, 2, 2, 2, 0)	63
11523	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 1, 4, 5, 1, 1, 1, 1, 1, 1, 2, 4, 1, 0)	63
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11529	(4, 5, 1, 1, 3, 4, 2, 4, 3, 2, 2, 2, 2, 1, 1, 2, 0)	17
11531	(4, 5, 1, 1, 5, 1, 2, 2, 2, 4, 2, 2, 2, 3, 2, 1, 0)	17
11533	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 2, 2, 1, 4, 3, 0)	51
11535	(4, 5, 1, 1, 5, 1, 2, 2, 4, 1, 2, 2, 6, 1, 1, 1, 0)	17
11537	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 2, 2, 3, 3, 2, 0)	51
11539	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 3, 1, 1, 3, 2, 1, 1, 4, 2, 1, 1, 2, 1, 3, 1, 0)	63
11541	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 3, 6, 0)	15
11543	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 4, 1, 5, 1, 1, 0)	51
11545	(4, 5, 1, 1, 3, 6, 3, 2, 1, 3, 2, 1, 1, 3, 1, 2, 0)	17

11547	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 1, 8, 1, 3, 2, 2, 1, 1, 2, 2, 1, 1, 1, 1, 1, 2, 1, 0)	63
11549	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 6, 2, 2, 1, 3, 1, 2, 2, 1, 1, 2, 2, 1, 3, 0)	46
11551	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 9, 2, 1, 1, 1, 1, 0)	51
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11585	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 5, 2, 2, 0)	15
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11605	(4, 3, 2, 11, 0)	5
11607	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 2, 2, 1, 3, 2, 1, 1, 4, 1, 2, 2, 4, 1, 1, 0)	63
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11615	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 3, 1, 1, 2, 1, 2, 2, 2, 1, 4, 1, 2, 1, 1, 2, 5, 1, 1, 1, 1, 0)	39
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11619	(4, 3, 2, 1, 1, 4, 2, 2, 3, 1, 4, 2, 6, 1, 0)	15
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11623	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 1, 5, 1, 2, 1, 2, 1, 1, 3, 3, 2, 1, 1, 3, 1, 1, 6, 3, 1, 2, 1, 2, 4, 2, 1, 1, 1, 1, 2, 1, 2, 1, 1, 1, 2, 1, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 0)	58
11625	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 4, 1, 1, 1, 4, 2, 2, 1, 1, 5, 1, 1, 1, 2, 0)	63
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11635	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 1, 4, 2, 3, 2, 3, 1, 0)	51
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11645	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 3, 1, 6, 1, 1, 1, 3, 0)	51
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11667	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 1, 2, 5, 1, 1, 1, 2, 1, 5, 1, 3, 1, 0)	27
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11687	(4, 3, 2, 1, 7, 4, 1, 3, 1, 3, 1, 1, 2, 2, 2, 3, 2, 1, 2, 1, 1, 0)	22
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11707	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 1, 2, 5, 2, 3, 1, 2, 1, 0)	51
11709	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 4, 3, 3, 1, 1, 1, 3, 1, 1, 2, 3, 1, 2, 1, 1, 3, 0)	63
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11717	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 6, 4, 0)	34
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11723	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 1, 3, 1, 1, 1, 1, 4, 3, 1, 1, 1, 1, 1, 2, 4, 2, 1, 0)	46
11725	(4, 3, 2, 1, 3, 7, 2, 3, 3, 0)	10
11727	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 1, 3, 1, 1, 1, 1, 2, 6, 1, 2, 1, 2, 1, 3, 1, 1, 1, 0)	46
11729	(4, 3, 2, 1, 3, 9, 1, 3, 2, 0)	10
11731	(10, 1, 3, 3, 1, 2, 1, 4, 1, 1, 2, 1, 2, 1, 5, 1, 1, 3, 1, 1, 2, 1, 2, 1, 1, 2, 1, 2, 2, 2, 2, 1, 1, 3, 1, 0)	36
11733	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 3, 1, 7, 0)	34
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11737	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 3, 3, 2, 1, 2, 2, 1, 6, 1, 2, 0)	51
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11741	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 3, 3, 2, 1, 2, 2, 3, 3, 1, 3, 0)	51
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11745	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 1, 3, 2, 2, 3, 2, 2, 2, 1, 3, 1, 1, 1, 2, 2, 0)	27
11747	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 3, 7, 1, 0)	34
11749	(4, 5, 1, 5, 2, 3, 1, 2, 4, 2, 1, 1, 1, 2, 1, 4, 0)	17
11751	(4, 5, 1, 5, 2, 1, 4, 4, 1, 3, 3, 1, 1, 2, 1, 1, 0)	17
11753	(4, 5, 1, 5, 2, 1, 6, 3, 2, 2, 1, 2, 1, 1, 1, 2, 0)	17
11755	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 3, 1, 1, 1, 1, 1, 3, 1, 3, 3, 1, 1, 2, 2, 1, 1, 2, 4, 2, 2, 1, 1, 1, 1, 1, 2, 2, 1, 0)	56
11757	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 7, 1, 1, 1, 2, 1, 1, 2, 1, 1, 2, 2, 1, 2, 3, 0)	27
11759	(4, 3, 2, 1, 1, 10, 2, 1, 1, 3, 1, 2, 3, 2, 3, 2, 2, 1, 2, 2, 1, 1, 2, 1, 1, 1, 0)	27
11761	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 5, 2, 0)	15
11763	(4, 3, 2, 1, 1, 4, 4, 1, 3, 6, 1, 2, 3, 1, 0)	15
11765	(4, 3, 2, 1, 1, 4, 4, 1, 5, 3, 1, 1, 1, 5, 0)	15
11767	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 3, 5, 1, 5, 1, 1, 2, 3, 1, 1, 0)	51
11769	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 4, 1, 1, 1, 3, 2, 1, 2, 2, 1, 1, 1, 4, 2, 1, 2, 1, 2, 0)	44
11771	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 4, 1, 1, 1, 3, 2, 1, 2, 2, 1, 1, 3, 3, 1, 2, 1, 2, 1, 0)	44

11773	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 3, 3, 4, 1, 2, 1, 2, 4, 2, 1, 1, 1, 1, 3, 1, 1, 1, 1, 1, 3, 0)	63
11775	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 2, 2, 1, 5, 4, 1, 3, 1, 2, 3, 1, 1, 1, 1, 1, 1, 1, 1, 0)	44
11777	(4, 3, 2, 1, 3, 1, 2, 4, 6, 1, 2, 2, 2, 1, 1, 3, 1, 1, 4, 1, 1, 1, 2, 2, 2, 2, 0)	27
11779	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 5, 2, 4, 1, 0)	34
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11783	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 1, 6, 1, 2, 2, 3, 2, 1, 1, 0)	27
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11791	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 3, 1, 3, 1, 5, 1, 1, 1, 0)	27
11793	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 3, 1, 1, 5, 3, 2, 0)	34
11795	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 1, 2, 6, 2, 1, 1, 3, 1, 1, 1, 1, 2, 2, 1, 3, 1, 0)	27
11797	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 2, 6, 0)	51
11799	(4, 3, 2, 1, 1, 4, 4, 5, 2, 1, 2, 5, 1, 1, 0)	15
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11803	(4, 3, 2, 1, 3, 1, 2, 6, 1, 8, 1, 1, 1, 1, 4, 2, 1, 2, 1, 3, 1, 1, 1, 1, 2, 1, 0)	27
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11807	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 5, 4, 1, 2, 2, 2, 1, 1, 1, 1, 0)	27
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11811	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 3, 5, 1, 0)	51
11813	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 3, 2, 2, 6, 1, 3, 2, 1, 2, 3, 1, 1, 1, 1, 1, 3, 1, 1, 1, 2, 1, 2, 1, 1, 1, 2, 1, 2, 1, 1, 4, 0)	44
11815	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 3, 7, 1, 2, 1, 1, 0)	34
11817	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 1, 6, 3, 3, 1, 2, 3, 3, 1, 1, 2, 1, 1, 1, 1, 2, 0)	27
11819	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 5, 2, 2, 1, 0)	51
11821	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 3, 1, 1, 1, 1, 3, 2, 3, 0)	51
11823	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 4, 1, 1, 3, 1, 1, 1, 5, 2, 1, 1, 1, 2, 2, 1, 1, 1, 0)	39

11825	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 1, 1, 1, 1, 4, 2, 0)	27
11827	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 1, 1, 1, 3, 3, 1, 0)	27
11829	(4, 3, 8, 5, 0)	5
11831	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 9, 2, 1, 1, 2, 3, 1, 4, 1, 1, 1, 4, 1, 2, 1, 1, 1, 1, 1, 1, 1, 3, 1, 1, 0)	63
11833	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 5, 2, 2, 2, 2, 1, 2, 0)	34
11835	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 1, 2, 1, 1, 1, 2, 1, 4, 1, 2, 1, 2, 2, 4, 1, 2, 1, 0)	63
11837	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 5, 1, 1, 1, 3, 2, 4, 1, 1, 3, 0)	34
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11841	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 2, 2, 1, 1, 1, 1, 2, 2, 4, 2, 2, 0)	68
11843	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 2, 2, 1, 1, 1, 1, 2, 4, 1, 4, 1, 0)	68
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11849	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 5, 1, 1, 5, 2, 1, 3, 1, 1, 2, 0)	34
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11855	(8, 2, 3, 6, 2, 1, 2, 2, 1, 2, 1, 1, 3, 1, 2, 1, 2, 1, 3, 3, 1, 1, 1, 0)	24
11857	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 4, 1, 1, 1, 1, 1, 3, 2, 1, 1, 3, 2, 0)	68
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11869	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 2, 6, 1, 3, 0)	51

11871	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 1, 4, 2, 2, 4, 4, 1, 1, 1, 1, 0)	34
11873	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 3, 1, 2, 2, 2, 5, 1, 1, 2, 2, 0)	34
11875	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 4, 1, 6, 1, 0)	51
11877	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 4, 3, 1, 4, 0)	51
11879	(10, 1, 1, 4, 2, 3, 1, 1, 1, 4, 1, 3, 2, 2, 1, 3, 3, 1, 1, 1, 2, 1, 1, 0)	24
11881	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 5, 2, 5, 1, 1, 1, 3, 1, 1, 1, 2, 0)	34
11883	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 3, 1, 4, 3, 2, 2, 1, 2, 2, 1, 0)	34
11885	(4, 3, 2, 1, 1, 6, 3, 2, 6, 1, 1, 1, 2, 3, 0)	15
11887	(4, 5, 7, 1, 2, 1, 6, 1, 1, 3, 2, 1, 2, 1, 1, 1, 0)	17
11889	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 7, 2, 0)	15
11891	(4, 3, 2, 1, 1, 6, 3, 4, 3, 1, 2, 2, 3, 1, 0)	15
11893	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 1, 1, 2, 1, 5, 0)	34
11895	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 3, 5, 3, 1, 1, 0)	51
11897	(10, 1, 3, 3, 1, 2, 1, 4, 1, 1, 2, 1, 2, 1, 5, 1, 1, 3, 1, 1, 2, 1, 2, 0)	24
11899	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 7, 2, 1, 2, 1, 0)	51
11901	(4, 3, 2, 1, 1, 6, 5, 5, 1, 2, 1, 1, 1, 3, 0)	15
11903	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 1, 2, 5, 2, 2, 2, 3, 1, 1, 5, 1, 2, 1, 3, 1, 1, 1, 1, 1, 2, 1, 1, 1, 1, 1, 1, 0)	44
11905	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 5, 4, 1, 2, 1, 1, 1, 1, 2, 2, 2, 0)	34
11907	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 4, 1, 0)	15
11909	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 4, 1, 3, 2, 1, 2, 4, 0)	51
11911	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 3, 1, 1, 1, 1, 1, 1, 2, 3, 2, 1, 2, 4, 2, 1, 1, 0)	44
11913	(4, 3, 2, 1, 3, 3, 3, 6, 1, 1, 1, 1, 1, 1, 3, 2, 1, 4, 2, 3, 6, 1, 2, 1, 1, 1, 1, 1, 2, 1, 1, 2, 1, 1, 2, 1, 1, 2, 0)	39
11915	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 4, 1, 5, 1, 3, 2, 1, 0)	51
11917	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 1, 5, 3, 0)	15
11919	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 3, 1, 1, 1, 1, 1, 3, 1, 3, 3, 1, 1, 4, 1, 1, 1, 0)	44

11921	(4, 3, 2, 1, 1, 10, 2, 1, 1, 3, 1, 2, 3, 2, 0)	15
11923	(4, 3, 2, 1, 1, 10, 2, 1, 1, 3, 3, 1, 3, 1, 0)	15
11925	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 2, 2, 1, 1, 1, 6, 0)	32
11927	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 7, 1, 1, 0)	15
11929	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 6, 2, 2, 2, 2, 2, 1, 1, 1, 1, 1, 2, 3, 1, 2, 0)	34
11931	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 1, 6, 1, 3, 1, 2, 5, 2, 1, 1, 3, 2, 2, 3, 1, 1, 3, 1, 1, 1, 1, 1, 1, 1, 1, 3, 1, 2, 1, 2, 1, 1, 1, 2, 1, 0)	80
11933	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 5, 2, 2, 2, 3, 1, 2, 2, 2, 1, 2, 1, 3, 0)	51
11935	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 5, 2, 1, 4, 3, 2, 1, 1, 3, 2, 1, 1, 2, 1, 1, 1, 1, 0)	34
11937	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 3, 3, 4, 1, 2, 1, 2, 2, 0)	51
11939	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 4, 1, 1, 1, 5, 1, 0)	32
11941	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 7, 2, 1, 1, 1, 1, 1, 4, 0)	51
11943	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 1, 5, 1, 2, 1, 2, 1, 1, 3, 3, 2, 1, 1, 3, 1, 3, 1, 2, 1, 2, 1, 1, 0)	34
11945	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 7, 2, 1, 1, 2, 2, 1, 2, 2, 1, 2, 2, 1, 1, 4, 1, 3, 1, 1, 1, 1, 3, 1, 2, 2, 1, 2, 1, 1, 3, 1, 1, 2, 2, 2, 2, 1, 1, 1, 1, 1, 1, 1, 2, 0)	92
11947	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 2, 6, 1, 2, 1, 1, 2, 2, 2, 2, 1, 0)	32
11949	(4, 3, 2, 1, 3, 1, 2, 4, 6, 1, 2, 2, 2, 3, 0)	15
11951	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 3, 1, 1, 3, 2, 3, 2, 1, 1, 1, 0)	32
11953	(4, 3, 2, 1, 3, 1, 2, 6, 1, 2, 3, 2, 4, 2, 0)	15
11955	(4, 3, 2, 1, 3, 1, 2, 6, 1, 2, 3, 4, 3, 1, 0)	15
11957	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 1, 2, 2, 5, 0)	15
11959	(4, 9, 4, 2, 1, 1, 2, 1, 4, 1, 2, 2, 1, 3, 1, 1, 0)	17
11961	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 4, 1, 1, 5, 1, 1, 2, 3, 2, 1, 2, 0)	51
11963	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 4, 1, 1, 5, 1, 3, 1, 3, 1, 2, 1, 0)	51
11965	(4, 3, 2, 1, 3, 1, 2, 6, 1, 6, 2, 1, 1, 3, 0)	15

11967	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 6, 4, 2, 2, 2, 1, 1, 1, 1, 1, 0)	51
11969	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 3, 3, 2, 2, 0)	15
11971	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 3, 1, 3, 2, 1, 1, 1, 3, 3, 1, 2, 1, 1, 4, 1, 0)	32
11973	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 1, 4, 4, 4, 0)	15
11975	(4, 3, 2, 1, 3, 1, 2, 6, 3, 5, 2, 2, 1, 1, 0)	15
11977	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 2, 2, 1, 4, 5, 1, 1, 2, 2, 1, 1, 1, 1, 1, 1, 2, 1, 1, 5, 1, 1, 2, 0)	68
11979	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 2, 2, 1, 4, 5, 1, 1, 2, 2, 1, 1, 1, 1, 1, 3, 1, 1, 1, 1, 4, 2, 1, 0)	68
11981	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 1, 6, 3, 3, 0)	15
11983	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 3, 2, 2, 6, 1, 3, 2, 1, 2, 3, 1, 1, 1, 1, 1, 3, 1, 1, 1, 0)	32
11985	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 2, 2, 1, 3, 2, 0)	27
11987	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 4, 1, 1, 3, 1, 0)	27
11989	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 7, 0)	15
11991	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 4, 1, 1, 1, 4, 1, 4, 1, 1, 0)	27
11993	(4, 3, 2, 1, 3, 1, 4, 1, 2, 5, 2, 5, 1, 2, 0)	15
11995	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 4, 1, 2, 3, 2, 1, 1, 1, 2, 2, 1, 3, 3, 2, 1, 2, 1, 3, 1, 1, 2, 1, 0)	68
11997	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 3, 1, 3, 0)	15
11999	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 4, 1, 2, 3, 2, 1, 1, 1, 4, 1, 1, 5, 1, 1, 1, 1, 3, 3, 1, 1, 1, 1, 0)	68
12001	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 5, 4, 2, 2, 1, 1, 2, 4, 1, 1, 1, 1, 2, 2, 0)	51
12003	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 8, 1, 0)	15
12005	(8, 2, 5, 1, 1, 2, 1, 4, 2, 1, 4, 0)	12
12007	(4, 3, 2, 5, 4, 1, 2, 1, 2, 3, 2, 5, 1, 3, 1, 2, 1, 1, 2, 1, 1, 0)	22
12009	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 4, 1, 4, 3, 3, 2, 2, 1, 1, 1, 2, 0)	27
12011	(8, 2, 3, 2, 3, 6, 1, 1, 2, 2, 1, 0)	12
12013	(8, 2, 5, 1, 1, 2, 3, 3, 1, 2, 3, 0)	12
12015	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 8, 2, 1, 1, 3, 4, 1, 1, 1, 1, 3, 1, 1, 1, 2, 1, 1, 1, 0)	32

12017	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 3, 5, 2, 0)	15
12019	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 3, 5, 1, 3, 1, 1, 1, 1, 2, 1, 3, 1, 3, 1, 1, 1, 2, 3, 1, 0)	32
12021	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 1, 2, 1, 1, 5, 0)	51
12023	(8, 2, 3, 6, 2, 1, 2, 2, 3, 1, 1, 0)	12
12025	(8, 2, 5, 1, 3, 1, 5, 1, 2, 1, 2, 0)	12
12027	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 5, 2, 1, 3, 2, 3, 3, 1, 1, 2, 1, 2, 1, 0)	51
12029	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 3, 0)	56
12031	(4, 5, 1, 1, 5, 3, 3, 2, 1, 1, 3, 2, 1, 2, 1, 3, 1, 6, 1, 4, 1, 2, 2, 1, 1, 2, 1, 1, 1, 1, 1, 1, 1, 0)	34
12033	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 7, 2, 2, 2, 0)	15
12035	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 2, 2, 1, 1, 2, 1, 2, 3, 1, 4, 1, 1, 1, 1, 2, 2, 1, 2, 4, 1, 0)	68
12037	(10, 1, 1, 4, 2, 1, 2, 1, 3, 2, 4, 0)	12
12039	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 2, 2, 1, 1, 2, 1, 2, 3, 1, 4, 1, 1, 1, 1, 4, 1, 3, 2, 1, 1, 0)	68
12041	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 4, 3, 2, 2, 1, 1, 1, 5, 1, 1, 3, 3, 2, 2, 1, 1, 2, 1, 2, 1, 1, 2, 2, 1, 1, 2, 0)	68
12043	(4, 3, 2, 1, 3, 1, 4, 1, 8, 1, 2, 3, 2, 1, 0)	15
12045	(10, 1, 1, 4, 2, 3, 1, 1, 1, 4, 3, 0)	12
12047	(10, 1, 1, 4, 2, 1, 2, 7, 1, 1, 1, 0)	12
12049	(10, 1, 1, 4, 2, 3, 1, 1, 3, 3, 2, 0)	12
12051	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 1, 2, 1, 3, 1, 1, 2, 4, 2, 1, 2, 1, 3, 1, 0)	32
12053	(4, 5, 5, 6, 0)	5
12055	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 4, 2, 3, 2, 4, 1, 2, 1, 1, 1, 2, 2, 3, 1, 2, 1, 1, 2, 1, 1, 1, 5, 1, 1, 0)	68
12057	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 4, 2, 3, 2, 4, 1, 2, 1, 1, 1, 2, 2, 3, 1, 2, 1, 3, 1, 1, 1, 1, 3, 1, 2, 0)	68
12059	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 4, 2, 3, 2, 4, 1, 2, 1, 1, 1, 2, 2, 1, 6, 3, 1, 1, 1, 1, 1, 1, 1, 2, 1, 0)	68

12061	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 3, 1, 1, 3, 2, 2, 1, 1, 1, 2, 2, 2, 1, 3, 0)	32
12063	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 7, 3, 1, 1, 1, 3, 1, 2, 3, 2, 1, 1, 1, 1, 0)	51
12065	(4, 3, 2, 1, 3, 1, 4, 3, 1, 5, 4, 1, 2, 2, 0)	15
12067	(10, 1, 3, 3, 1, 2, 1, 2, 2, 5, 1, 0)	12
12069	(10, 1, 3, 3, 1, 2, 1, 4, 1, 1, 4, 0)	12
12071	(8, 8, 1, 1, 4, 1, 3, 1, 2, 1, 1, 0)	12
12073	(10, 1, 3, 1, 4, 6, 1, 1, 1, 1, 2, 0)	12
12075	(10, 1, 3, 3, 1, 2, 3, 3, 2, 2, 1, 0)	12
12077	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 3, 0)	22
12079	(10, 1, 3, 3, 1, 6, 2, 2, 1, 1, 1, 0)	12
12081	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 5, 1, 4, 2, 0)	22
12083	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 5, 3, 3, 1, 0)	22
12085	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 5, 0)	22
12087	(4, 3, 2, 1, 1, 4, 4, 5, 2, 1, 2, 3, 2, 1, 2, 1, 3, 2, 3, 1, 2, 2, 1, 1, 1, 2, 1, 1, 1, 2, 2, 1, 1, 3, 1, 1, 1, 4, 1, 1, 3, 1, 1, 0)	44
12089	(4, 3, 2, 1, 3, 1, 4, 3, 7, 1, 2, 2, 1, 2, 0)	15
12091	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 1, 2, 5, 1, 2, 1, 0)	32
12093	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 3, 1, 1, 3, 0)	32
12095	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 1, 2, 1, 5, 3, 3, 1, 1, 1, 1, 1, 0)	32
12097	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 6, 2, 2, 0)	22
12099	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 5, 2, 1, 4, 1, 0)	22
12101	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 3, 1, 3, 4, 0)	22
12103	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 3, 3, 1, 4, 2, 4, 1, 1, 2, 1, 1, 3, 1, 1, 1, 1, 1, 4, 1, 1, 2, 2, 1, 1, 0)	68
12105	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 2, 2, 1, 5, 1, 2, 1, 2, 3, 2, 1, 2, 2, 2, 3, 1, 1, 2, 1, 1, 1, 1, 1, 3, 2, 1, 1, 1, 1, 1, 1, 1, 1, 1, 2, 1, 2, 2, 1, 2, 3, 3, 1, 1, 2, 0)	68
12107	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 3, 5, 2, 1, 0)	22
12109	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 1, 5, 1, 2, 1, 2, 1, 1, 3, 3, 0)	22
12111	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 4, 1, 1, 1, 1, 1, 1, 1, 1, 3, 4, 2, 1, 1, 1, 2, 2, 3, 1, 1, 1, 0)	32
12113	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 1, 5, 1, 2, 3, 1, 1, 1, 3, 2, 0)	22

12115	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 2, 2, 1, 5, 1, 2, 1, 2, 3, 2, 1, 2, 2, 2, 3, 1, 1, 2, 1, 1, 1, 1, 1, 3, 2, 1, 1, 1, 1, 1, 1, 1, 1, 1, 3, 1, 5, 1, 1, 2, 1, 1, 1, 1, 3, 1, 0)	68
12117	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 9, 0)	39
12119	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 3, 2, 2, 2, 2, 2, 3, 1, 1, 2, 1, 2, 1, 2, 4, 1, 1, 0)	51
12121	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 5, 3, 2, 1, 1, 2, 1, 2, 1, 1, 1, 1, 1, 3, 4, 1, 2, 0)	51
12123	(4, 3, 2, 1, 3, 3, 5, 3, 1, 2, 2, 2, 2, 4, 3, 1, 2, 1, 1, 1, 2, 2, 1, 1, 2, 1, 0)	27
12125	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 5, 3, 2, 1, 1, 2, 3, 1, 1, 1, 1, 1, 1, 1, 4, 1, 3, 0)	51
12127	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 5, 3, 2, 1, 1, 2, 1, 2, 1, 1, 1, 1, 7, 1, 1, 1, 1, 0)	51
12129	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 2, 5, 1, 4, 1, 6, 2, 1, 2, 2, 1, 2, 2, 1, 1, 1, 1, 2, 1, 1, 1, 2, 1, 2, 1, 2, 1, 1, 2, 2, 0)	44
12131	(4, 9, 6, 1, 0)	5
12133	(4, 11, 1, 4, 0)	5
12135	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 1, 2, 1, 1, 1, 2, 1, 4, 1, 2, 3, 5, 1, 1, 1, 1, 1, 2, 1, 1, 2, 1, 4, 4, 2, 1, 1, 3, 1, 2, 3, 3, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 2, 1, 1, 0)	92
12137	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 1, 4, 5, 1, 1, 1, 1, 1, 1, 2, 2, 2, 4, 1, 1, 1, 2, 0)	68
12139	(4, 3, 2, 1, 3, 1, 8, 2, 2, 4, 1, 2, 2, 1, 0)	15
12141	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 2, 2, 1, 2, 2, 4, 1, 1, 2, 3, 0)	56
12143	(4, 3, 2, 1, 7, 4, 1, 1, 2, 3, 4, 2, 2, 4, 1, 2, 1, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 1, 1, 3, 2, 1, 3, 1, 2, 1, 1, 1, 0)	39
12145	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 6, 2, 0)	20
12147	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 3, 2, 2, 4, 2, 3, 1, 0)	20
12149	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 3, 1, 5, 0)	20
12151	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 3, 2, 4, 3, 3, 1, 1, 0)	20
12153	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 2, 2, 3, 5, 1, 1, 1, 2, 1, 2, 0)	56
12155	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 3, 1, 1, 3, 2, 1, 1, 4, 2, 1, 1, 2, 1, 3, 1, 2, 2, 1, 2, 1, 0)	68

12157	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 4, 1, 3, 2, 1, 3, 1, 1, 1, 3, 0)	56
12159	(4, 5, 1, 1, 5, 1, 2, 2, 4, 3, 3, 2, 1, 4, 3, 1, 1, 1, 1, 1, 1, 0)	22
12161	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 5, 3, 2, 1, 2, 2, 2, 0)	20
12163	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 4, 1, 3, 4, 1, 0)	20
12165	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 4, 1, 2, 3, 2, 1, 1, 1, 2, 4, 0)	56
12167	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 4, 5, 2, 1, 1, 0)	20
12169	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 2, 4, 4, 2, 2, 1, 2, 1, 1, 2, 0)	56
12171	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 4, 1, 2, 5, 1, 1, 1, 3, 2, 1, 0)	56
12173	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 7, 3, 0)	39
12175	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 4, 3, 1, 3, 1, 2, 4, 1, 1, 1, 0)	56
12177	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 5, 2, 1, 1, 2, 2, 3, 2, 0)	20
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12183	(4, 3, 2, 5, 2, 4, 6, 1, 1, 0)	10
12185	(4, 3, 2, 5, 2, 6, 3, 1, 2, 0)	10
12187	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 1, 4, 2, 1, 3, 1, 2, 1, 1, 2, 1, 4, 4, 1, 1, 1, 2, 1, 0)	32
12189	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 3, 5, 1, 1, 2, 1, 3, 0)	20
12191	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 7, 3, 2, 1, 1, 1, 1, 1, 2, 1, 2, 2, 1, 1, 3, 1, 3, 1, 1, 3, 1, 2, 1, 1, 1, 1, 0)	68
12193	(4, 5, 1, 1, 5, 3, 3, 2, 1, 1, 3, 2, 1, 2, 1, 1, 4, 2, 1, 2, 2, 0)	22
12195	(4, 3, 2, 5, 4, 3, 1, 5, 1, 0)	10
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12199	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 5, 4, 1, 1, 2, 1, 2, 2, 1, 2, 1, 1, 0)	56
12201	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 1, 6, 1, 1, 3, 6, 1, 1, 1, 2, 1, 2, 1, 1, 1, 1, 1, 2, 0)	32
12203	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 5, 2, 2, 1, 2, 2, 2, 1, 0)	20

12205	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 4, 3, 2, 2, 1, 1, 1, 5, 1, 1, 1, 2, 2, 3, 0)	56
12207	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 4, 3, 2, 2, 1, 1, 1, 3, 2, 5, 2, 1, 1, 1, 0)	56
12209	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 5, 4, 2, 0)	39
12211	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 7, 3, 1, 0)	39
12213	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 2, 2, 1, 1, 2, 1, 2, 5, 0)	56
12215	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 4, 3, 4, 1, 1, 1, 1, 3, 1, 4, 1, 3, 1, 1, 0)	56
12217	(4, 3, 2, 7, 3, 4, 2, 1, 2, 0)	10
12219	(4, 3, 2, 7, 5, 3, 1, 2, 1, 0)	10
12221	(4, 3, 2, 1, 1, 4, 4, 1, 5, 3, 1, 1, 1, 5, 1, 2, 1, 5, 1, 1, 1, 1, 1, 1, 3, 1, 1, 2, 1, 1, 3, 0)	32
12223	(4, 3, 2, 1, 1, 4, 4, 1, 3, 4, 4, 4, 2, 1, 1, 1, 2, 1, 3, 1, 2, 1, 2, 3, 1, 2, 1, 1, 1, 1, 1, 0)	32
12225	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 2, 2, 1, 3, 1, 3, 2, 2, 0)	56
12227	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 4, 2, 3, 2, 4, 1, 2, 1, 1, 1, 4, 1, 0)	56
12229	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 5, 4, 0)	39
12231	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 8, 2, 1, 3, 2, 1, 1, 2, 1, 2, 2, 2, 1, 1, 0)	56
12233	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 3, 1, 1, 2, 1, 2, 2, 2, 1, 4, 1, 2, 1, 1, 2, 3, 2, 1, 1, 1, 1, 4, 1, 1, 2, 0)	44
12235	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 6, 4, 2, 1, 0)	39
12237	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 3, 3, 0)	20
12239	(4, 3, 2, 1, 1, 4, 2, 2, 3, 1, 4, 2, 4, 4, 1, 3, 1, 1, 1, 0)	20
12241	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 3, 1, 3, 2, 0)	20
12243	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 1, 5, 1, 2, 1, 2, 1, 1, 3, 3, 2, 1, 1, 3, 1, 1, 6, 3, 1, 2, 1, 2, 4, 2, 1, 1, 1, 1, 2, 1, 2, 1, 1, 1, 2, 1, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 2, 1, 1, 3, 1, 0)	63
12245	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 7, 0)	15
12247	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 4, 1, 1, 1, 4, 4, 1, 1, 1, 3, 1, 2, 2, 1, 1, 1, 4, 1, 1, 0)	68

12249	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 7, 1, 2, 0)	39
12251	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 5, 3, 2, 3, 2, 2, 1, 3, 1, 1, 4, 1, 1, 2, 1, 0)	56
12253	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 4, 1, 3, 1, 2, 3, 1, 3, 0)	20
12255	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 8, 1, 3, 1, 1, 1, 1, 0)	20
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12259	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 7, 1, 0)	15
12261	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 3, 1, 6, 1, 1, 1, 1, 2, 1, 2, 1, 4, 0)	56
12263	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 3, 1, 7, 1, 1, 1, 1, 1, 2, 3, 4, 1, 1, 1, 1, 2, 1, 4, 1, 1, 2, 1, 1, 0)	51
12265	(4, 3, 8, 1, 2, 2, 1, 1, 4, 2, 3, 2, 2, 3, 1, 1, 2, 1, 1, 1, 2, 0)	22
12267	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 3, 3, 4, 1, 1, 1, 2, 2, 2, 1, 1, 1, 4, 1, 2, 3, 1, 1, 1, 3, 1, 2, 1, 1, 2, 1, 2, 1, 1, 1, 2, 2, 1, 0)	44
12269	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 3, 3, 2, 2, 1, 2, 1, 2, 3, 0)	20
12271	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 3, 3, 1, 4, 2, 4, 1, 1, 2, 1, 1, 1, 0)	56
12273	(4, 3, 2, 1, 3, 3, 3, 6, 1, 1, 1, 1, 5, 2, 0)	15
12275	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 1, 1, 1, 1, 4, 2, 1, 1, 1, 3, 1, 1, 1, 2, 1, 1, 4, 1, 2, 1, 2, 3, 1, 0)	44
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12281	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 1, 1, 1, 1, 4, 2, 1, 1, 1, 3, 1, 1, 3, 1, 1, 3, 2, 1, 2, 1, 2, 1, 2, 0)	44
12283	(4, 3, 8, 1, 4, 1, 5, 2, 1, 2, 1, 1, 1, 3, 1, 2, 1, 2, 1, 2, 1, 0)	22
12285	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 2, 2, 1, 5, 1, 2, 1, 2, 3, 2, 1, 2, 2, 2, 3, 1, 1, 2, 1, 1, 1, 1, 1, 3, 2, 1, 1, 1, 1, 1, 1, 1, 3, 0)	56
12287	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 4, 1, 1, 3, 1, 1, 1, 1, 5, 5, 1, 2, 1, 4, 1, 3, 1, 2, 1, 1, 1, 2, 2, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 0)	56
12289	(4, 3, 2, 1, 3, 3, 5, 1, 4, 2, 2, 2, 2, 2, 0)	15
12291	(4, 3, 2, 1, 3, 3, 5, 3, 1, 2, 2, 2, 4, 1, 0)	15
12293	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 3, 2, 2, 2, 4, 0)	39
12295	(4, 3, 2, 1, 3, 3, 5, 3, 1, 4, 3, 2, 1, 1, 0)	15
12297	(4, 3, 2, 1, 3, 3, 5, 3, 3, 3, 2, 1, 1, 2, 0)	15

12299	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 3, 4, 3, 2, 1, 0)	39
12301	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 1, 2, 2, 4, 3, 0)	56
12303	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 5, 5, 1, 1, 1, 0)	39
12305	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 1, 2, 4, 3, 2, 0)	56
12307	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 1, 3, 1, 2, 2, 1, 4, 1, 1, 1, 2, 3, 2, 1, 3, 1, 0)	32
12309	(4, 5, 1, 1, 3, 4, 2, 2, 6, 0)	10
12311	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 1, 4, 5, 1, 1, 0)	56
12313	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 7, 2, 1, 3, 1, 2, 0)	39
12315	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 1, 1, 4, 4, 3, 1, 2, 2, 2, 2, 1, 1, 1, 1, 2, 1, 0)	32
12317	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 3, 3, 2, 1, 3, 0)	56
12319	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 1, 3, 1, 4, 1, 3, 2, 3, 2, 1, 2, 2, 1, 1, 1, 1, 0)	32
12321	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 1, 2, 5, 1, 2, 1, 3, 1, 2, 2, 0)	56
12323	(4, 5, 1, 1, 3, 4, 4, 5, 1, 0)	10
12325	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 3, 1, 1, 3, 2, 1, 1, 4, 0)	56
12327	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 4, 5, 3, 1, 3, 1, 1, 2, 1, 4, 1, 2, 1, 1, 0)	56
12329	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 2, 4, 2, 3, 3, 1, 1, 3, 3, 3, 1, 1, 1, 1, 2, 2, 1, 1, 1, 1, 2, 0)	68
12331	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 4, 3, 3, 1, 1, 1, 3, 1, 1, 2, 3, 1, 2, 1, 1, 1, 1, 4, 2, 2, 1, 0)	68
12333	(4, 5, 1, 1, 3, 6, 3, 2, 3, 0)	10
12335	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 4, 3, 1, 2, 1, 1, 5, 1, 4, 1, 1, 2, 2, 1, 2, 1, 2, 2, 1, 1, 1, 0)	68
12337	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 6, 2, 2, 1, 1, 4, 2, 0)	39
12339	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 6, 2, 2, 1, 3, 3, 1, 0)	39
12341	(4, 5, 1, 1, 5, 1, 2, 4, 5, 0)	10

12343	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 2, 2, 1, 1, 2, 1, 2, 3, 1, 4, 1, 1, 1, 3, 3, 4, 3, 1, 1, 1, 1, 1, 3, 1, 1, 2, 2, 1, 2, 2, 1, 2, 1, 2, 1, 1, 2, 1, 1, 1, 1, 3, 2, 1, 1, 1, 3, 1, 1, 0)	97
12345	(4, 3, 2, 1, 3, 7, 2, 1, 2, 4, 2, 2, 1, 2, 0)	15
12347	(4, 3, 2, 1, 3, 7, 2, 1, 4, 1, 4, 1, 2, 1, 0)	15
12349	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 3, 1, 3, 2, 5, 1, 1, 3, 0)	39
12351	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 1, 3, 1, 1, 1, 1, 4, 3, 1, 1, 1, 1, 1, 4, 3, 1, 4, 1, 1, 1, 1, 1, 0)	51
12353	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 3, 1, 5, 1, 1, 4, 2, 2, 0)	39
12355	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 3, 1, 5, 1, 3, 1, 4, 1, 0)	39
12357	(4, 5, 1, 1, 5, 1, 4, 3, 4, 0)	10
12359	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 7, 3, 2, 1, 1, 1, 1, 1, 2, 1, 2, 2, 1, 1, 0)	56
12361	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 2, 2, 1, 1, 1, 1, 2, 4, 1, 1, 4, 1, 1, 1, 3, 1, 1, 2, 0)	32
12363	(4, 5, 1, 1, 5, 1, 8, 2, 1, 0)	10
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12367	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 3, 3, 2, 1, 2, 2, 3, 3, 1, 1, 4, 3, 1, 1, 1, 0)	56
12369	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 1, 6, 1, 1, 3, 2, 0)	20
12371	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 1, 3, 2, 2, 3, 2, 2, 2, 1, 1, 2, 1, 3, 2, 2, 1, 1, 1, 3, 1, 0)	32
12373	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 8, 0)	44
12375	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 3, 1, 4, 4, 1, 1, 0)	20
12377	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 3, 3, 1, 4, 1, 2, 0)	20
12379	(4, 5, 1, 5, 2, 1, 4, 4, 1, 3, 3, 1, 3, 1, 1, 1, 2, 1, 1, 2, 1, 0)	22
12381	(4, 5, 1, 1, 5, 3, 5, 1, 3, 0)	10
12383	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 3, 1, 1, 1, 1, 1, 3, 1, 3, 3, 1, 1, 2, 2, 1, 1, 2, 4, 2, 2, 1, 1, 1, 1, 1, 2, 2, 1, 4, 1, 1, 1, 1, 0)	61
12385	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 7, 1, 1, 1, 2, 1, 1, 2, 1, 1, 2, 2, 3, 1, 1, 3, 1, 1, 2, 2, 0)	32
12387	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 3, 3, 4, 1, 2, 1, 2, 4, 2, 1, 1, 1, 1, 1, 2, 1, 1, 1, 1, 1, 2, 1, 1, 6, 1, 0)	68

12389	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 3, 3, 4, 1, 2, 1, 2, 4, 2, 1, 1, 1, 1, 1, 2, 1, 1, 1, 1, 1, 2, 1, 3, 1, 4, 0)	68
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12397	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 4, 1, 1, 1, 3, 2, 1, 2, 2, 1, 1, 3, 3, 1, 2, 1, 2, 1, 1, 1, 1, 2, 3, 0)	49
12399	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 1, 6, 1, 3, 1, 2, 5, 2, 1, 1, 3, 2, 2, 3, 1, 1, 3, 1, 1, 1, 1, 1, 1, 1, 1, 1, 3, 1, 2, 1, 2, 1, 1, 3, 1, 1, 2, 3, 3, 1, 2, 1, 1, 2, 1, 1, 1, 2, 1, 2, 1, 1, 1, 0)	97
12401	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 8, 2, 0)	44
12403	(4, 5, 1, 1, 9, 2, 2, 3, 1, 0)	10
12405	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 2, 2, 1, 3, 2, 1, 5, 0)	56
12407	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 3, 1, 1, 2, 1, 2, 2, 2, 1, 4, 3, 1, 1, 0)	32
12409	(4, 3, 2, 1, 3, 1, 2, 4, 6, 1, 2, 2, 2, 1, 1, 1, 6, 2, 1, 1, 1, 3, 2, 1, 1, 2, 1, 1, 2, 1, 2, 0)	32
12411	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 3, 1, 1, 2, 1, 2, 4, 1, 3, 2, 1, 2, 1, 0)	32
12413	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 1, 2, 3, 4, 2, 1, 1, 2, 2, 1, 1, 1, 3, 0)	32
12415	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 3, 1, 1, 2, 1, 8, 2, 1, 1, 1, 1, 1, 1, 0)	32
12417	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 3, 1, 1, 3, 4, 3, 1, 1, 2, 2, 2, 0)	39
12419	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 4, 1, 1, 1, 4, 4, 1, 0)	56
12421	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 4, 1, 1, 3, 1, 2, 4, 0)	56
12423	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 1, 2, 6, 2, 1, 1, 3, 1, 1, 1, 1, 2, 2, 1, 1, 2, 1, 4, 2, 1, 1, 0)	32
12425	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 1, 2, 6, 2, 1, 1, 1, 2, 1, 1, 3, 4, 1, 2, 1, 1, 1, 2, 1, 1, 2, 0)	32
12427	(4, 3, 2, 1, 1, 4, 4, 5, 2, 1, 2, 3, 2, 1, 2, 1, 3, 2, 1, 0)	20
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12431	(4, 3, 2, 1, 1, 4, 4, 5, 2, 3, 1, 3, 1, 2, 1, 4, 1, 1, 1, 0)	20
12433	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 3, 1, 7, 1, 1, 1, 1, 1, 2, 3, 2, 0)	39

12435	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 3, 1, 7, 1, 1, 1, 1, 3, 1, 3, 1, 0)	39
12437	(4, 3, 8, 1, 2, 2, 1, 1, 6, 0)	10
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12441	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 3, 2, 2, 6, 1, 3, 2, 1, 2, 3, 1, 1, 1, 1, 1, 3, 1, 1, 1, 2, 1, 2, 1, 1, 1, 2, 1, 2, 1, 1, 2, 2, 2, 3, 1, 2, 0)	49
12443	(4, 3, 2, 1, 3, 1, 2, 6, 3, 5, 4, 1, 1, 1, 1, 4, 1, 1, 1, 2, 1, 1, 1, 2, 3, 2, 1, 1, 1, 2, 1, 0)	32
12445	(4, 3, 6, 4, 4, 1, 2, 1, 3, 0)	10
12447	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 4, 5, 6, 1, 2, 2, 3, 3, 1, 1, 3, 1, 1, 1, 1, 1, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 1, 0)	68
12449	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 5, 2, 2, 1, 1, 2, 1, 2, 2, 0)	56
12451	(4, 3, 8, 1, 4, 1, 1, 5, 1, 0)	10
12453	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 1, 1, 1, 1, 4, 2, 1, 1, 1, 1, 4, 0)	32
12455	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 4, 1, 1, 3, 1, 1, 1, 5, 2, 1, 1, 1, 4, 1, 1, 1, 1, 2, 1, 2, 1, 1, 0)	44
12457	(4, 3, 2, 1, 1, 4, 10, 3, 1, 3, 2, 2, 1, 1, 1, 1, 1, 1, 2, 0)	20
12459	(4, 3, 8, 3, 3, 2, 2, 2, 1, 0)	10
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12463	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 9, 2, 1, 1, 2, 3, 1, 4, 1, 1, 1, 4, 1, 2, 1, 1, 1, 1, 1, 1, 1, 3, 1, 1, 3, 2, 1, 1, 1, 0)	68
12465	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 2, 5, 1, 2, 4, 2, 0)	20
12467	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 2, 5, 1, 4, 3, 1, 0)	20
12469	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 1, 2, 3, 2, 5, 0)	20
12471	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 1, 2, 1, 1, 1, 2, 1, 4, 1, 2, 3, 5, 1, 1, 1, 1, 1, 2, 1, 3, 1, 1, 0)	68
12473	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 2, 2, 1, 1, 1, 1, 1, 2, 4, 1, 2, 2, 1, 3, 2, 1, 2, 0)	73
12475	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 2, 2, 1, 1, 1, 1, 1, 2, 4, 1, 4, 1, 1, 3, 1, 2, 1, 0)	73
12477	(4, 3, 2, 1, 7, 2, 2, 5, 1, 2, 2, 1, 1, 3, 0)	15
12479	(8, 2, 5, 1, 1, 2, 3, 3, 3, 1, 1, 2, 1, 1, 2, 1, 2, 5, 1, 1, 1, 4, 2, 1, 1, 1, 1, 1, 0)	29
12481	(4, 3, 2, 1, 7, 4, 1, 3, 1, 1, 2, 3, 2, 2, 0)	15

12483	(4, 3, 2, 1, 7, 4, 1, 3, 1, 3, 1, 1, 4, 1, 0)	15
12485	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 1, 1, 4, 4, 0)	20
12487	(8, 2, 3, 6, 2, 1, 2, 2, 1, 2, 1, 1, 3, 1, 2, 1, 2, 1, 3, 1, 2, 1, 1, 3, 2, 2, 1, 1, 0)	29
12489	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 1, 8, 1, 1, 2, 0)	20
12491	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 6, 2, 1, 4, 2, 1, 0)	20
12493	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 1, 3, 3, 3, 0)	20
12495	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 3, 1, 1, 5, 2, 1, 1, 1, 1, 1, 1, 1, 4, 2, 2, 2, 1, 1, 3, 1, 1, 1, 0)	68
12497	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 2, 4, 2, 3, 1, 2, 1, 3, 2, 0)	56
12499	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 2, 4, 2, 3, 3, 1, 1, 3, 1, 0)	56
12501	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 4, 7, 0)	44
12503	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 1, 4, 2, 2, 4, 2, 2, 1, 1, 1, 2, 1, 4, 1, 1, 0)	39
12505	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 4, 3, 1, 2, 1, 1, 5, 1, 2, 0)	56
12507	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 3, 1, 2, 2, 2, 5, 1, 1, 2, 2, 3, 1, 1, 2, 1, 0)	39
12509	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 4, 3, 3, 1, 1, 1, 3, 1, 3, 0)	56
12511	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 3, 1, 2, 4, 1, 1, 6, 1, 1, 2, 3, 1, 1, 1, 1, 0)	39
12513	(10, 1, 1, 4, 2, 3, 1, 1, 1, 4, 1, 3, 2, 2, 1, 3, 3, 1, 1, 3, 1, 1, 1, 1, 1, 1, 2, 2, 0)	29
12515	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 10, 1, 0)	44
12517	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 1, 1, 2, 1, 1, 3, 2, 2, 1, 4, 0)	39
12519	(4, 3, 2, 1, 1, 6, 3, 2, 4, 2, 1, 3, 4, 2, 1, 1, 2, 1, 1, 0)	20
12521	(4, 3, 2, 1, 1, 6, 3, 2, 6, 1, 1, 3, 1, 3, 2, 1, 1, 1, 2, 0)	20
12523	(4, 5, 7, 1, 2, 3, 1, 4, 4, 1, 1, 1, 1, 1, 2, 2, 1, 1, 2, 2, 1, 0)	22
12525	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 1, 3, 1, 1, 1, 1, 4, 1, 2, 3, 0)	39
12527	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 4, 2, 3, 2, 4, 1, 2, 1, 1, 1, 2, 2, 3, 1, 2, 1, 1, 2, 1, 1, 1, 5, 1, 3, 1, 1, 1, 2, 3, 2, 2, 1, 3, 1, 1, 1, 1, 2, 1, 1, 1, 0)	85
12529	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 5, 2, 0)	44
12531	(10, 1, 3, 3, 1, 2, 1, 4, 1, 1, 2, 1, 2, 1, 5, 1, 1, 3, 1, 1, 2, 1, 2, 1, 1, 2, 3, 1, 0)	29

12533	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 8, 1, 1, 5, 0)	44
12535	(4, 3, 2, 1, 1, 6, 5, 5, 1, 2, 1, 1, 1, 1, 3, 2, 3, 1, 1, 0)	20
12537	(4, 3, 2, 1, 1, 6, 5, 5, 3, 1, 1, 1, 1, 1, 3, 1, 2, 1, 2, 0)	20
12539	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 1, 2, 5, 2, 2, 2, 3, 1, 1, 5, 1, 2, 1, 3, 1, 1, 1, 1, 3, 1, 1, 1, 1, 1, 1, 1, 2, 1, 2, 1, 0)	49
12541	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 3, 0)	20
12543	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 5, 4, 1, 2, 1, 1, 1, 3, 5, 1, 1, 1, 1, 1, 1, 1, 0)	39
12545	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 1, 3, 2, 2, 3, 2, 2, 2, 0)	20
12547	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 1, 3, 4, 1, 1, 2, 4, 1, 0)	20
12549	(4, 5, 1, 5, 2, 1, 4, 2, 4, 0)	10
12551	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 4, 1, 5, 1, 3, 2, 1, 1, 3, 2, 1, 1, 0)	56
12553	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 1, 5, 3, 2, 2, 1, 1, 2, 0)	20
12555	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 2, 2, 1, 1, 1, 2, 4, 2, 3, 2, 1, 0)	37
12557	(4, 5, 1, 5, 2, 3, 1, 4, 3, 0)	10
12559	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 2, 2, 1, 1, 1, 4, 1, 6, 1, 1, 1, 0)	37
12561	(4, 5, 1, 5, 2, 3, 3, 3, 2, 0)	10
12563	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 7, 1, 1, 1, 2, 1, 3, 1, 0)	20
12565	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 3, 3, 6, 0)	44
12567	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 5, 2, 2, 2, 3, 1, 2, 2, 2, 1, 2, 1, 1, 2, 1, 5, 1, 1, 0)	56
12569	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 5, 2, 2, 2, 3, 1, 2, 2, 2, 1, 2, 1, 3, 1, 1, 3, 1, 2, 0)	56
12571	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 11, 3, 1, 1, 1, 1, 1, 2, 1, 0)	20
12573	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 4, 1, 1, 1, 3, 2, 1, 2, 2, 1, 3, 0)	37
12575	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 3, 3, 4, 1, 2, 1, 2, 4, 2, 1, 1, 1, 1, 0)	56
12577	(4, 5, 1, 7, 1, 5, 1, 2, 2, 0)	10
12579	(4, 3, 2, 1, 3, 1, 2, 4, 6, 1, 2, 2, 2, 1, 1, 1, 2, 5, 1, 0)	20
12581	(4, 3, 2, 1, 3, 1, 2, 4, 6, 1, 2, 2, 2, 1, 1, 3, 1, 1, 4, 0)	20

12583	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 7, 2, 1, 1, 2, 2, 1, 2, 2, 1, 2, 2, 1, 1, 4, 1, 3, 1, 1, 1, 1, 3, 1, 2, 2, 1, 2, 1, 1, 3, 1, 1, 2, 2, 2, 2, 1, 1, 1, 1, 1, 1, 1, 2, 3, 1, 2, 1, 1, 0)	97
12585	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 2, 6, 1, 2, 1, 1, 2, 2, 2, 2, 3, 1, 1, 1, 1, 2, 0)	37
12587	(4, 3, 2, 1, 3, 1, 2, 4, 6, 1, 2, 4, 1, 1, 1, 3, 2, 2, 1, 0)	20
12589	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 7, 2, 3, 0)	44
12591	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 4, 1, 1, 3, 1, 1, 1, 1, 5, 5, 1, 2, 1, 4, 1, 3, 1, 2, 1, 1, 1, 2, 2, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 4, 1, 1, 1, 2, 2, 3, 2, 1, 1, 1, 1, 2, 1, 1, 1, 1, 4, 2, 1, 1, 2, 2, 2, 2, 1, 1, 1, 0)	85
12593	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 1, 4, 1, 1, 2, 2, 1, 4, 2, 0)	20
12595	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 1, 4, 1, 1, 2, 2, 3, 3, 1, 0)	20
12597	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 5, 0)	20
12599	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 1, 2, 6, 2, 1, 1, 3, 1, 1, 0)	20
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12603	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 1, 4, 6, 1, 2, 1, 0)	20
12605	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 1, 6, 3, 1, 1, 3, 0)	20
12607	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 6, 4, 2, 4, 1, 1, 1, 1, 1, 3, 1, 1, 1, 1, 1, 0)	56
12609	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 5, 2, 2, 0)	20
12611	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 1, 4, 6, 1, 1, 2, 1, 4, 1, 0)	20
12613	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 3, 1, 1, 3, 4, 0)	20
12615	(4, 3, 2, 1, 3, 1, 2, 6, 3, 5, 4, 1, 1, 1, 1, 2, 2, 1, 1, 0)	20
12617	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 1, 6, 1, 4, 2, 3, 1, 1, 2, 0)	20
12619	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 3, 1, 5, 2, 1, 0)	20
12621	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 4, 1, 1, 1, 2, 1, 1, 1, 3, 3, 0)	32
12623	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 3, 2, 2, 6, 1, 3, 2, 1, 2, 3, 1, 1, 1, 1, 1, 3, 1, 1, 1, 2, 3, 1, 1, 1, 0)	37
12625	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 4, 1, 1, 3, 1, 1, 1, 1, 3, 2, 0)	32
12627	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 5, 3, 2, 2, 2, 3, 3, 2, 1, 2, 1, 1, 1, 1, 1, 3, 1, 0)	56
12629	(4, 3, 2, 1, 1, 4, 10, 0)	8
12631	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 1, 3, 2, 4, 1, 1, 0)	20

12633	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 3, 1, 1, 1, 2, 4, 1, 2, 0)	20
12635	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 0)	20
12637	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 4, 1, 3, 0)	44
12639	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 4, 1, 2, 3, 2, 1, 1, 1, 4, 1, 1, 5, 1, 1, 1, 1, 3, 1, 2, 1, 1, 1, 5, 1, 1, 1, 1, 0)	73
12641	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 5, 4, 2, 2, 1, 1, 2, 4, 1, 1, 1, 1, 2, 2, 2, 1, 1, 2, 2, 0)	56
12643	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 1, 2, 1, 1, 1, 2, 1, 2, 6, 1, 0)	56
12645	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 1, 2, 1, 1, 1, 2, 1, 4, 1, 4, 0)	56
12647	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 4, 1, 4, 1, 4, 1, 1, 2, 6, 1, 1, 1, 1, 2, 1, 1, 0)	32
12649	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 3, 1, 3, 6, 1, 1, 1, 2, 0)	20
12651	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 3, 1, 5, 3, 1, 2, 2, 1, 0)	20
12653	(8, 2, 5, 1, 1, 2, 3, 3, 3, 1, 1, 2, 1, 1, 2, 3, 0)	17
12655	(8, 2, 5, 1, 1, 2, 3, 3, 1, 2, 5, 1, 2, 1, 1, 1, 0)	17
12657	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 6, 2, 0)	27
12659	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 1, 2, 1, 1, 3, 1, 3, 2, 3, 1, 0)	56
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12667	(8, 2, 5, 1, 3, 1, 5, 1, 2, 1, 2, 2, 2, 1, 2, 1, 0)	17
12669	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 4, 1, 1, 1, 3, 0)	61
12671	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 3, 1, 1, 7, 1, 1, 1, 1, 1, 1, 1, 0)	56
12673	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 9, 1, 2, 2, 2, 0)	44
12675	(10, 1, 1, 4, 2, 3, 1, 1, 1, 2, 2, 1, 2, 3, 4, 1, 0)	17
12677	(10, 1, 1, 4, 2, 3, 1, 1, 1, 2, 2, 3, 1, 1, 2, 4, 0)	17
12679	(10, 1, 1, 4, 2, 3, 1, 1, 1, 2, 2, 1, 6, 2, 1, 1, 0)	17

12681	(10, 1, 1, 4, 2, 1, 2, 1, 3, 4, 3, 1, 2, 1, 1, 2, 0)	17
12683	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 4, 3, 2, 2, 1, 1, 1, 5, 1, 1, 3, 3, 2, 2, 1, 1, 2, 1, 2, 1, 1, 2, 2, 1, 1, 2, 1, 1, 3, 2, 1, 0)	73
12685	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 1, 6, 3, 0)	27
12687	(10, 1, 1, 4, 2, 3, 1, 1, 1, 4, 1, 3, 4, 1, 1, 1, 0)	17
12689	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 5, 2, 3, 2, 0)	27
12691	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 7, 1, 3, 1, 0)	27
12693	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 3, 1, 6, 0)	27
12695	(4, 5, 7, 1, 2, 1, 6, 1, 1, 0)	10
12697	(4, 5, 7, 1, 2, 3, 3, 1, 2, 0)	10
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12701	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 4, 2, 3, 2, 4, 1, 2, 1, 1, 1, 2, 2, 1, 6, 3, 1, 1, 1, 1, 1, 1, 1, 2, 1, 1, 1, 2, 1, 3, 0)	73
12703	(4, 5, 1, 5, 2, 3, 3, 5, 1, 2, 1, 3, 3, 2, 2, 1, 2, 1, 1, 1, 1, 2, 1, 2, 3, 1, 1, 1, 1, 2, 2, 2, 2, 1, 1, 3, 1, 1, 2, 1, 2, 1, 2, 2, 1, 2, 1, 1, 1, 1, 0)	51
12705	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 3, 1, 1, 3, 2, 2, 1, 1, 1, 2, 4, 1, 1, 1, 2, 2, 1, 2, 2, 0)	37
12707	(10, 1, 3, 3, 1, 2, 1, 4, 1, 1, 2, 1, 2, 1, 5, 1, 0)	17
12709	(10, 1, 3, 3, 1, 2, 1, 4, 1, 1, 2, 3, 1, 1, 1, 4, 0)	17
12711	(10, 1, 3, 3, 1, 2, 1, 2, 2, 3, 4, 2, 1, 2, 1, 1, 0)	17
12713	(4, 3, 2, 1, 1, 4, 2, 2, 3, 1, 4, 2, 4, 4, 1, 1, 2, 1, 1, 1, 1, 4, 1, 2, 2, 2, 1, 3, 1, 3, 1, 1, 1, 1, 1, 2, 0)	37
12715	(8, 8, 1, 1, 4, 1, 3, 1, 2, 1, 1, 1, 2, 2, 2, 1, 0)	17
12717	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 3, 0)	27
12719	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 6, 4, 2, 1, 1, 1, 0)	27
12721	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 1, 2, 1, 1, 1, 1, 3, 4, 2, 0)	37
12723	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 1, 2, 1, 1, 1, 1, 5, 3, 1, 0)	37
12725	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 3, 1, 1, 1, 1, 1, 1, 2, 5, 0)	37
12727	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 5, 3, 1, 2, 3, 1, 3, 1, 1, 0)	27
12729	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 1, 2, 1, 1, 1, 5, 2, 1, 2, 0)	37
12731	(4, 3, 2, 1, 1, 4, 4, 5, 2, 1, 2, 3, 2, 1, 2, 1, 3, 2, 3, 1, 2, 2, 1, 1, 1, 2, 1, 1, 1, 2, 2, 1, 1, 3, 1, 1, 1, 4, 1, 1, 1, 2, 1, 2, 3, 1, 2, 1, 0)	49

12733	(4, 3, 2, 1, 3, 1, 4, 3, 7, 1, 2, 2, 1, 2, 1, 2, 1, 1, 3, 0)	20
12735	(4, 3, 2, 1, 3, 3, 3, 6, 1, 1, 1, 1, 1, 1, 5, 5, 2, 1, 2, 1, 1, 2, 4, 1, 1, 2, 1, 1, 1, 1, 1, 0)	32
12737	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 1, 2, 1, 5, 3, 1, 2, 1, 1, 1, 1, 1, 1, 3, 2, 2, 0)	37
12739	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 1, 2, 1, 5, 3, 3, 1, 1, 1, 1, 1, 1, 1, 1, 4, 1, 0)	37
12741	(4, 3, 2, 1, 1, 10, 4, 0)	8
12743	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 6, 2, 2, 2, 2, 2, 1, 1, 0)	27
12745	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 3, 1, 3, 2, 2, 4, 1, 1, 2, 0)	27
12747	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 1, 5, 1, 2, 1, 2, 1, 1, 1, 2, 2, 2, 4, 2, 1, 0)	27
12749	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 5, 2, 2, 2, 3, 3, 0)	44
12751	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 2, 2, 1, 5, 1, 2, 1, 2, 3, 2, 1, 2, 2, 2, 3, 1, 1, 2, 1, 1, 1, 1, 1, 3, 2, 1, 1, 1, 1, 1, 1, 1, 1, 1, 2, 1, 2, 2, 1, 2, 3, 1, 2, 3, 2, 1, 3, 1, 1, 1, 0)	73
12753	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 5, 2, 4, 1, 3, 2, 0)	44
12755	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 1, 5, 1, 2, 1, 2, 1, 1, 3, 3, 2, 1, 1, 3, 1, 0)	27
12757	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 7, 0)	44
12759	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 1, 5, 1, 2, 3, 1, 1, 1, 3, 2, 1, 1, 4, 1, 1, 0)	27
12761	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 2, 6, 1, 2, 0)	25
12763	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 7, 5, 1, 1, 2, 1, 0)	44
12765	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 3, 1, 3, 0)	25
12767	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 4, 1, 1, 3, 1, 1, 1, 1, 5, 5, 1, 2, 1, 4, 1, 3, 1, 2, 1, 1, 1, 2, 2, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 4, 1, 1, 1, 2, 2, 3, 2, 1, 1, 1, 3, 1, 1, 1, 1, 0)	73
12769	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 5, 3, 2, 1, 1, 2, 3, 1, 1, 1, 1, 1, 1, 1, 2, 2, 5, 1, 1, 1, 2, 2, 0)	56
12771	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 7, 1, 0)	44
12773	(4, 9, 4, 2, 1, 1, 2, 1, 4, 0)	10
12775	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 5, 3, 2, 1, 1, 2, 1, 2, 1, 1, 1, 1, 7, 1, 1, 1, 3, 1, 1, 2, 1, 1, 0)	56
12777	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 2, 5, 1, 4, 1, 6, 2, 1, 2, 2, 1, 2, 2, 1, 1, 1, 1, 2, 1, 1, 1, 2, 1, 2, 1, 2, 1, 1, 4, 1, 2, 1, 1, 1, 2, 0)	49
12779	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 5, 3, 2, 1, 1, 2, 3, 1, 1, 1, 1, 1, 5, 2, 2, 1, 1, 1, 1, 2, 2, 1, 0)	56
12781	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 3, 3, 2, 1, 2, 3, 0)	25

12783	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 1, 2, 2, 4, 3, 4, 2, 1, 2, 1, 2, 3, 1, 1, 1, 2, 1, 1, 2, 1, 1, 1, 0)	73
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12809	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 9, 2, 1, 1, 2, 0)	44
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12825	(4, 3, 2, 5, 4, 1, 2, 1, 2, 5, 1, 3, 1, 2, 0)	15
12827	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 4, 3, 4, 1, 4, 1, 1, 1, 1, 2, 1, 0)	25

12829	(4, 3, 2, 5, 4, 1, 2, 3, 1, 1, 4, 2, 1, 3, 0)	15
12831	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 8, 2, 1, 1, 3, 2, 2, 1, 1, 1, 1, 0)	25
12833	(4, 3, 2, 5, 4, 1, 2, 3, 1, 3, 3, 1, 2, 2, 0)	15
12835	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 4, 3, 5, 1, 0)	20
12837	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 3, 5, 1, 3, 1, 1, 1, 1, 2, 1, 1, 4, 0)	25
12839	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 3, 5, 1, 1, 2, 1, 1, 5, 1, 2, 1, 1, 0)	25
12841	(10, 1, 3, 3, 1, 2, 1, 4, 1, 1, 2, 1, 2, 1, 5, 1, 1, 3, 1, 1, 2, 1, 2, 1, 1, 2, 1, 2, 2, 2, 2, 1, 1, 3, 1, 2, 1, 3, 2, 1, 4, 1, 1, 1, 2, 1, 3, 1, 1, 2, 1, 2, 1, 1, 1, 1, 2, 0)	58
12843	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 8, 2, 2, 1, 0)	20
12845	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 5, 2, 1, 3, 2, 3, 0)	44
12847	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 9, 1, 1, 2, 2, 1, 1, 2, 2, 1, 1, 1, 0)	25
12849	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 1, 4, 2, 0)	44
12851	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 3, 1, 0)	44
12853	(8, 2, 5, 5, 0)	5
12855	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 5, 2, 2, 1, 2, 4, 1, 1, 1, 1, 3, 1, 1, 0)	25
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12869	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 1, 2, 1, 1, 2, 3, 4, 0)	25
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12873	(4, 3, 2, 1, 1, 4, 4, 1, 5, 3, 1, 1, 1, 5, 1, 2, 1, 5, 1, 1, 1, 1, 1, 1, 3, 1, 1, 2, 1, 1, 3, 1, 3, 1, 1, 2, 0)	37
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12877	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 1, 2, 1, 3, 1, 3, 3, 0)	25

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12881	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 7, 1, 2, 1, 1, 3, 2, 0)	44
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12889	(4, 3, 2, 1, 1, 4, 2, 2, 3, 1, 4, 2, 4, 4, 1, 1, 2, 1, 1, 1, 1, 4, 1, 2, 0)	25
12891	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 4, 3, 2, 4, 1, 1, 1, 2, 1, 2, 1, 1, 2, 1, 0)	61
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12899	(4, 3, 2, 1, 3, 3, 3, 6, 1, 1, 1, 1, 1, 1, 3, 2, 1, 6, 1, 0)	20
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12907	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 4, 1, 3, 1, 2, 3, 1, 3, 2, 1, 2, 2, 1, 0)	25
12909	(4, 3, 2, 1, 1, 4, 4, 5, 2, 1, 2, 3, 2, 1, 2, 1, 3, 2, 3, 1, 2, 2, 1, 1, 1, 2, 1, 1, 1, 2, 2, 1, 1, 1, 2, 3, 0)	37
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12923	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 3, 3, 2, 2, 1, 2, 1, 2, 1, 4, 2, 1, 2, 1, 0)	25
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12929	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 1, 1, 1, 1, 4, 2, 1, 1, 1, 3, 1, 1, 1, 2, 1, 1, 4, 1, 2, 1, 2, 3, 1, 1, 1, 2, 2, 2, 0)	49
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12935	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 4, 1, 1, 1, 1, 1, 1, 1, 1, 3, 4, 2, 1, 1, 0)	25
12937	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 1, 1, 1, 1, 4, 2, 1, 1, 1, 3, 1, 1, 3, 1, 1, 3, 2, 1, 2, 1, 2, 3, 1, 1, 2, 1, 1, 2, 0)	49
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12957	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 5, 3, 2, 1, 1, 2, 1, 2, 1, 3, 0)	44
12959	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 2, 5, 3, 3, 6, 1, 1, 2, 1, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 1, 1, 1, 1, 0)	37
12961	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 1, 2, 4, 3, 2, 1, 2, 1, 2, 2, 0)	61
12963	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 1, 4, 3, 2, 1, 1, 1, 1, 5, 1, 0)	61
12965	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 1, 4, 5, 1, 1, 1, 1, 1, 1, 4, 0)	61
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12969	(4, 3, 2, 1, 7, 4, 1, 1, 2, 3, 4, 2, 2, 4, 1, 2, 1, 1, 1, 2, 1, 4, 1, 1, 1, 1, 1, 1, 1, 1, 2, 0)	32
12971	(4, 5, 1, 1, 3, 4, 2, 4, 3, 2, 2, 2, 2, 1, 0)	15

12973	(4, 5, 1, 1, 5, 1, 2, 2, 2, 4, 2, 2, 2, 3, 0)	15
12975	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 3, 3, 2, 1, 3, 3, 2, 1, 1, 1, 0)	61
12977	(4, 5, 1, 1, 5, 1, 2, 2, 4, 1, 2, 2, 4, 2, 0)	15
12979	(4, 5, 1, 1, 5, 1, 2, 2, 4, 1, 2, 4, 3, 1, 0)	15
12981	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 2, 2, 5, 0)	49
12983	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 3, 1, 1, 3, 2, 1, 1, 4, 2, 1, 3, 1, 1, 0)	61
12985	(4, 5, 1, 1, 5, 1, 2, 2, 4, 3, 3, 2, 1, 2, 0)	15
12987	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 2, 4, 2, 3, 3, 1, 1, 3, 3, 3, 1, 1, 1, 1, 2, 2, 1, 1, 1, 1, 2, 1, 3, 1, 2, 1, 0)	73
12989	(4, 5, 1, 1, 3, 6, 3, 2, 1, 3, 2, 1, 1, 3, 0)	15
12991	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 1, 8, 1, 3, 2, 2, 1, 1, 2, 2, 1, 1, 1, 1, 1, 0)	61
12993	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 5, 3, 2, 2, 0)	49
12995	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 6, 2, 2, 1, 3, 1, 2, 2, 1, 1, 4, 1, 0)	44
12997	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 2, 4, 4, 0)	49
12999	(4, 5, 1, 1, 5, 1, 2, 4, 3, 4, 2, 2, 1, 1, 0)	15
13001	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 3, 1, 3, 2, 3, 2, 1, 1, 2, 5, 1, 1, 2, 0)	44
13003	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 3, 1, 3, 2, 3, 2, 1, 3, 1, 1, 4, 2, 1, 0)	44
13005	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 4, 3, 3, 0)	49
13007	(4, 3, 2, 1, 3, 7, 2, 1, 4, 1, 4, 3, 1, 1, 1, 3, 1, 1, 1, 0)	20
13009	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 6, 2, 1, 3, 2, 0)	49
13011	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 8, 1, 1, 3, 1, 0)	49
13013	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 7, 0)	13
13015	(4, 5, 1, 1, 5, 1, 4, 3, 2, 3, 1, 4, 1, 1, 0)	15

13017	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 3, 5, 1, 2, 0)	49
13019	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 7, 3, 2, 1, 1, 1, 1, 1, 2, 1, 2, 2, 1, 1, 3, 1, 1, 2, 1, 0)	61
13021	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 1, 4, 2, 1, 3, 1, 2, 1, 3, 1, 3, 0)	25
13023	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 1, 4, 2, 1, 1, 6, 3, 1, 1, 1, 1, 0)	25
13025	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 2, 2, 1, 1, 1, 1, 4, 3, 2, 2, 1, 3, 2, 1, 1, 1, 2, 1, 1, 1, 1, 2, 2, 0)	37
13027	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 8, 1, 0)	13
13029	(4, 5, 1, 1, 5, 3, 3, 2, 1, 1, 3, 2, 1, 4, 0)	15
13031	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 0)	37
13033	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 5, 4, 1, 2, 1, 1, 1, 3, 3, 2, 1, 1, 1, 1, 1, 3, 1, 4, 1, 3, 2, 1, 1, 1, 1, 1, 1, 2, 2, 1, 1, 1, 2, 0)	56
13035	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 3, 1, 4, 2, 2, 3, 1, 1, 2, 2, 1, 0)	25
13037	(4, 5, 1, 1, 5, 3, 5, 1, 1, 1, 3, 1, 2, 3, 0)	15
13039	(4, 5, 1, 5, 2, 1, 4, 2, 2, 3, 2, 3, 3, 4, 1, 1, 1, 1, 2, 1, 1, 1, 2, 1, 1, 1, 0)	27
13041	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 5, 2, 0)	13
13043	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 3, 1, 1, 1, 1, 1, 3, 1, 3, 3, 1, 1, 2, 2, 1, 1, 2, 4, 2, 2, 1, 1, 1, 1, 1, 2, 2, 1, 4, 1, 1, 1, 1, 1, 1, 2, 3, 1, 0)	66
13045	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 4, 3, 2, 2, 1, 1, 5, 0)	49
13047	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 3, 3, 4, 1, 2, 1, 2, 4, 2, 1, 1, 1, 1, 1, 2, 1, 1, 1, 1, 1, 2, 1, 1, 4, 2, 2, 2, 3, 1, 1, 0)	73
13049	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 3, 3, 4, 1, 2, 1, 2, 4, 2, 1, 1, 1, 1, 1, 2, 1, 1, 1, 1, 1, 2, 1, 3, 1, 2, 4, 1, 2, 1, 2, 0)	73
13051	(4, 3, 2, 1, 1, 4, 4, 1, 3, 6, 1, 2, 1, 2, 2, 1, 4, 2, 1, 1, 2, 1, 2, 1, 0)	25
13053	(4, 3, 2, 1, 1, 4, 4, 1, 5, 3, 1, 1, 1, 5, 1, 2, 1, 3, 2, 1, 1, 1, 1, 3, 0)	25
13055	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 7, 1, 1, 1, 2, 1, 3, 1, 1, 3, 2, 5, 1, 2, 1, 1, 2, 2, 1, 1, 1, 1, 1, 1, 1, 0)	37
13057	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 2, 2, 1, 3, 2, 1, 1, 2, 4, 2, 2, 2, 0)	61
13059	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 2, 2, 1, 3, 2, 1, 1, 4, 1, 2, 4, 1, 0)	61

13061	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 4, 2, 3, 2, 4, 0)	49
13063	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 8, 2, 1, 3, 2, 1, 1, 0)	49
13065	(4, 5, 1, 1, 9, 2, 2, 3, 1, 2, 2, 1, 1, 2, 0)	15
13067	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 3, 1, 1, 2, 1, 2, 2, 2, 1, 4, 1, 2, 1, 1, 2, 3, 2, 1, 0)	37
13069	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 4, 3, 0)	49
13071	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 4, 8, 1, 1, 1, 0)	49
13073	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 3, 3, 2, 0)	49
13075	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 1, 2, 3, 4, 2, 1, 1, 2, 2, 1, 1, 1, 3, 1, 2, 1, 3, 1, 0)	37
13077	(4, 3, 2, 1, 1, 4, 2, 2, 3, 1, 4, 6, 0)	13
13079	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 4, 1, 1, 1, 4, 2, 2, 1, 1, 5, 1, 1, 0)	61
13081	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 4, 1, 1, 1, 4, 4, 1, 1, 1, 3, 1, 2, 0)	61
13083	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 3, 1, 1, 3, 2, 5, 1, 1, 1, 1, 1, 3, 2, 3, 1, 2, 1, 1, 1, 1, 2, 1, 1, 5, 1, 1, 1, 1, 1, 1, 2, 1, 0)	54
13085	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 5, 3, 2, 3, 2, 2, 1, 3, 0)	49
13087	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 1, 2, 6, 2, 1, 1, 3, 1, 1, 1, 1, 2, 2, 1, 1, 2, 1, 4, 2, 1, 3, 2, 1, 1, 1, 1, 0)	37
13089	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 5, 5, 1, 1, 4, 1, 2, 2, 0)	49
13091	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 1, 4, 2, 5, 1, 0)	49
13093	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 1, 6, 1, 1, 4, 0)	49
13095	(4, 3, 2, 1, 1, 4, 4, 5, 2, 3, 1, 3, 1, 2, 1, 4, 1, 1, 1, 3, 1, 2, 1, 1, 0)	25
13097	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 3, 1, 7, 1, 1, 1, 1, 1, 2, 3, 4, 1, 1, 1, 1, 2, 0)	44
13099	(4, 3, 8, 1, 2, 2, 1, 1, 4, 2, 3, 2, 2, 1, 0)	15

13101	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 3, 1, 4, 2, 3, 0)	49
13103	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 9, 2, 3, 2, 2, 1, 1, 1, 0)	49
13105	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 3, 3, 1, 4, 2, 0)	49
13107	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 3, 3, 3, 3, 1, 0)	49
13109	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 3, 5, 0)	13
13111	(4, 3, 6, 4, 4, 3, 1, 1, 3, 1, 1, 3, 1, 1, 0)	15
13113	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 5, 2, 2, 1, 1, 2, 1, 2, 2, 1, 2, 2, 1, 2, 0)	61
13115	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 1, 1, 1, 1, 4, 2, 1, 1, 1, 1, 2, 1, 5, 1, 2, 1, 0)	37
13117	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 1, 1, 1, 1, 4, 2, 1, 1, 1, 3, 1, 1, 3, 1, 1, 3, 0)	37
13119	(4, 3, 8, 1, 4, 1, 5, 2, 3, 1, 1, 1, 1, 1, 0)	15
13121	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 0)	13
13123	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 2, 3, 4, 2, 2, 1, 2, 2, 1, 4, 1, 0)	25
13125	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 1, 2, 5, 1, 1, 1, 2, 1, 3, 4, 0)	25
13127	(4, 3, 8, 7, 2, 1, 1, 2, 1, 1, 2, 2, 1, 1, 0)	15
13129	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 1, 2, 3, 2, 1, 5, 3, 1, 1, 2, 0)	25
13131	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 1, 2, 5, 1, 1, 1, 2, 5, 2, 1, 0)	25
13133	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 1, 2, 5, 1, 1, 3, 1, 1, 3, 3, 0)	25
13135	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 1, 2, 3, 2, 5, 2, 3, 1, 1, 1, 0)	25
13137	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 2, 2, 1, 1, 1, 1, 1, 2, 4, 1, 2, 2, 1, 3, 2, 1, 2, 1, 1, 1, 3, 2, 0)	78
13139	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 2, 2, 1, 1, 1, 1, 1, 2, 4, 1, 2, 2, 1, 3, 2, 3, 1, 1, 1, 1, 3, 1, 0)	78
13141	(4, 3, 2, 1, 3, 3, 9, 0)	8
13143	(4, 3, 2, 1, 7, 2, 2, 5, 1, 4, 1, 1, 1, 1, 1, 2, 4, 1, 1, 0)	20
13145	(4, 3, 2, 1, 1, 4, 2, 2, 7, 4, 1, 2, 0)	13
13147	(4, 3, 2, 1, 7, 4, 1, 1, 2, 5, 1, 2, 2, 2, 2, 1, 1, 2, 1, 0)	20

13149	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 1, 3, 1, 2, 2, 1, 4, 1, 3, 0)	25
13151	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 1, 1, 4, 2, 6, 1, 1, 1, 1, 0)	25
13153	(8, 2, 3, 6, 2, 1, 2, 2, 1, 2, 1, 1, 3, 1, 2, 1, 2, 1, 3, 1, 2, 1, 1, 3, 2, 2, 1, 1, 2, 1, 1, 2, 2, 0)	34
13155	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 1, 2, 1, 3, 6, 1, 0)	49
13157	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 1, 2, 1, 5, 1, 4, 0)	49
13159	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 4, 1, 1, 1, 1, 1, 3, 2, 1, 1, 5, 3, 2, 2, 1, 1, 1, 1, 1, 2, 1, 1, 0)	78
13161	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 3, 1, 1, 5, 2, 1, 1, 1, 1, 1, 1, 1, 4, 2, 2, 2, 1, 1, 1, 2, 1, 1, 4, 1, 1, 1, 2, 0)	73
13163	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 4, 3, 6, 1, 2, 2, 1, 0)	49
13165	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 4, 5, 3, 1, 1, 2, 3, 0)	49
13167	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 2, 4, 2, 3, 3, 1, 1, 3, 3, 1, 2, 1, 1, 1, 0)	61
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13171	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 1, 2, 5, 2, 3, 1, 0)	49
13173	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 5, 0)	49
13175	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 4, 3, 3, 1, 1, 1, 3, 1, 1, 2, 3, 3, 1, 1, 0)	61
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13181	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 8, 2, 3, 1, 1, 1, 3, 0)	49
13183	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 2, 2, 1, 1, 2, 1, 2, 3, 1, 4, 1, 1, 1, 3, 3, 4, 3, 1, 1, 1, 1, 1, 3, 1, 1, 2, 2, 1, 2, 2, 1, 2, 1, 2, 1, 3, 1, 1, 1, 1, 1, 1, 0)	90

13185	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 1, 1, 2, 1, 1, 3, 2, 2, 3, 1, 2, 1, 2, 2, 2, 0)	44
13187	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 1, 3, 1, 1, 1, 1, 4, 1, 2, 1, 1, 1, 3, 4, 1, 0)	44
13189	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 1, 3, 1, 1, 1, 1, 4, 3, 1, 1, 1, 1, 1, 2, 4, 0)	44
13191	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 1, 3, 1, 1, 1, 1, 4, 1, 2, 1, 1, 5, 2, 1, 1, 0)	44
13193	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 1, 3, 1, 1, 1, 1, 2, 6, 1, 2, 1, 2, 1, 1, 2, 0)	44
13195	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 4, 2, 3, 2, 4, 1, 2, 1, 1, 1, 2, 2, 3, 1, 2, 1, 1, 2, 1, 1, 1, 5, 1, 3, 1, 1, 1, 2, 3, 2, 2, 1, 3, 1, 1, 1, 1, 2, 1, 1, 1, 1, 1, 3, 2, 1, 0)	90
13197	(4, 3, 2, 1, 3, 9, 3, 0)	8
13199	(10, 1, 3, 3, 1, 2, 1, 4, 1, 1, 2, 1, 2, 1, 5, 1, 1, 3, 1, 1, 2, 1, 2, 1, 1, 2, 1, 2, 2, 4, 1, 1, 1, 0)	34
13201	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 2, 2, 1, 1, 1, 1, 2, 2, 2, 3, 2, 0)	25
13203	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 2, 2, 1, 1, 1, 1, 2, 4, 1, 3, 1, 0)	25
13205	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 3, 3, 2, 1, 2, 2, 1, 6, 0)	49
13207	(4, 3, 2, 1, 1, 4, 2, 6, 2, 6, 1, 1, 0)	13
13209	(4, 3, 2, 1, 1, 4, 2, 6, 4, 3, 1, 2, 0)	13
13211	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 0)	25
13213	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 1, 3, 2, 2, 3, 2, 2, 2, 1, 1, 2, 1, 3, 0)	25
13215	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 4, 1, 3, 2, 1, 2, 4, 1, 2, 2, 4, 1, 2, 1, 1, 1, 1, 0)	61
13217	(4, 5, 1, 5, 2, 1, 4, 2, 2, 3, 2, 1, 2, 2, 0)	15
13219	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 3, 3, 2, 1, 4, 1, 5, 1, 0)	49
13221	(4, 5, 1, 5, 2, 3, 1, 2, 4, 2, 1, 1, 1, 4, 0)	15
13223	(4, 5, 1, 5, 2, 1, 6, 3, 2, 2, 1, 2, 1, 1, 0)	15
13225	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 3, 1, 1, 1, 1, 1, 3, 1, 3, 3, 1, 1, 2, 2, 1, 1, 2, 4, 2, 2, 1, 1, 1, 1, 2, 0)	54
13227	(4, 5, 1, 5, 2, 3, 1, 4, 3, 1, 2, 2, 2, 1, 0)	15
13229	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 7, 1, 1, 1, 2, 1, 1, 2, 1, 1, 2, 2, 3, 0)	25
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13233	(4, 3, 2, 1, 1, 4, 4, 1, 3, 4, 4, 2, 0)	13

13235	(4, 3, 2, 1, 1, 4, 4, 1, 3, 6, 3, 1, 0)	13
13237	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 5, 0)	13
13239	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 3, 5, 1, 5, 1, 3, 1, 1, 0)	49
13241	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 4, 1, 1, 1, 3, 2, 1, 2, 2, 1, 1, 1, 4, 2, 1, 2, 0)	42
13243	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 4, 1, 1, 1, 3, 2, 1, 2, 2, 1, 1, 3, 3, 1, 2, 1, 0)	42
13245	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 3, 3, 4, 1, 2, 1, 2, 4, 2, 1, 1, 1, 1, 1, 2, 1, 1, 3, 0)	61
13247	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 2, 2, 1, 5, 4, 1, 3, 1, 2, 1, 2, 1, 1, 1, 1, 1, 0)	42
13249	(4, 3, 2, 1, 3, 1, 2, 4, 6, 1, 2, 2, 2, 1, 1, 3, 1, 1, 2, 2, 1, 3, 2, 2, 0)	25
13251	(4, 3, 2, 1, 3, 1, 2, 4, 6, 1, 2, 2, 2, 1, 1, 3, 1, 1, 4, 1, 1, 1, 4, 1, 0)	25
13253	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 5, 4, 0)	32
13255	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 7, 2, 1, 1, 2, 2, 1, 2, 2, 1, 2, 2, 1, 1, 4, 1, 3, 1, 1, 1, 1, 3, 1, 2, 2, 1, 2, 1, 1, 3, 1, 1, 2, 2, 2, 2, 1, 1, 1, 1, 1, 1, 1, 2, 3, 1, 2, 1, 1, 2, 2, 2, 1, 1, 0)	102
13257	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 1, 6, 1, 4, 1, 1, 2, 0)	25
13259	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 1, 2, 3, 4, 2, 1, 0)	25
13261	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 3, 1, 1, 2, 3, 3, 0)	25
13263	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 9, 1, 3, 1, 3, 1, 1, 1, 0)	49
13265	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 3, 1, 3, 1, 3, 2, 0)	25
13267	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 1, 4, 1, 1, 2, 2, 3, 3, 1, 2, 1, 1, 3, 1, 0)	25
13269	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 3, 1, 1, 7, 0)	32
13271	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 1, 2, 6, 2, 1, 1, 3, 1, 1, 1, 1, 4, 1, 1, 0)	25
13273	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 8, 1, 2, 0)	32
13275	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 1, 6, 1, 2, 1, 3, 4, 1, 1, 2, 1, 0)	25
13277	(4, 3, 2, 1, 1, 4, 4, 5, 2, 3, 1, 3, 0)	13
13279	(4, 3, 2, 1, 3, 1, 2, 6, 1, 8, 1, 1, 1, 1, 4, 2, 1, 2, 1, 3, 1, 1, 1, 1, 0)	25
13281	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 3, 3, 4, 1, 1, 1, 2, 2, 2, 1, 1, 1, 2, 2, 0)	25
13283	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 3, 1, 7, 1, 0)	32
13285	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 4, 1, 1, 1, 2, 1, 1, 1, 1, 2, 3, 1, 2, 1, 4, 0)	37

13287	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 3, 1, 1, 3, 6, 1, 1, 2, 1, 1, 0)	25
13289	(4, 3, 2, 1, 3, 1, 2, 6, 3, 5, 4, 1, 1, 1, 1, 4, 1, 1, 1, 2, 1, 1, 1, 2, 0)	25
13291	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 1, 6, 1, 4, 2, 3, 1, 3, 1, 1, 1, 2, 2, 1, 0)	25
13293	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 3, 2, 2, 6, 1, 3, 2, 1, 2, 3, 1, 1, 1, 1, 1, 3, 1, 1, 1, 2, 1, 2, 1, 1, 1, 2, 1, 2, 3, 0)	42
13295	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 1, 6, 3, 3, 1, 2, 3, 3, 1, 1, 2, 1, 1, 1, 0)	25
13297	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 5, 2, 0)	49
13299	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 5, 3, 2, 2, 2, 3, 3, 2, 1, 2, 1, 1, 1, 1, 1, 1, 2, 2, 1, 2, 3, 1, 0)	61
13301	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 3, 1, 1, 1, 1, 5, 0)	49
13303	(4, 3, 2, 1, 1, 4, 10, 1, 2, 3, 1, 1, 0)	13
13305	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 1, 3, 2, 4, 1, 1, 2, 1, 2, 1, 2, 0)	25
13307	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 3, 1, 1, 1, 2, 2, 4, 2, 1, 2, 1, 2, 1, 0)	25
13309	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 3, 1, 1, 1, 1, 1, 1, 3, 0)	25
13311	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 9, 2, 1, 1, 2, 3, 1, 4, 1, 1, 1, 4, 3, 1, 1, 1, 1, 1, 1, 1, 1, 1, 0)	61
13313	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 5, 2, 2, 2, 2, 0)	32
13315	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 1, 2, 1, 1, 1, 2, 1, 4, 1, 2, 1, 2, 2, 4, 1, 0)	61
13317	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 5, 1, 1, 1, 3, 2, 2, 4, 0)	32
13319	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 1, 2, 1, 1, 1, 2, 1, 4, 1, 2, 3, 3, 2, 1, 1, 0)	61
13321	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 1, 2, 1, 1, 1, 2, 1, 4, 3, 1, 3, 2, 1, 1, 2, 0)	61
13323	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 5, 1, 1, 1, 5, 3, 2, 1, 0)	32
13325	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 2, 2, 1, 1, 1, 1, 2, 4, 3, 0)	66
13327	(8, 2, 5, 1, 1, 2, 3, 3, 3, 1, 1, 2, 1, 1, 2, 1, 2, 5, 1, 1, 1, 0)	22
13329	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 2, 2, 1, 1, 1, 1, 1, 4, 3, 2, 0)	66

13331	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 5, 1, 1, 5, 2, 1, 3, 1, 0)	32
13333	(4, 3, 2, 1, 7, 2, 6, 0)	8
13335	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 2, 2, 1, 1, 1, 1, 3, 5, 1, 1, 0)	66
13337	(8, 2, 3, 6, 2, 1, 2, 2, 1, 2, 1, 1, 3, 1, 2, 1, 2, 1, 3, 1, 2, 0)	22
13339	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 1, 2, 1, 1, 3, 7, 1, 1, 2, 1, 1, 1, 1, 2, 1, 0)	61
13341	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 4, 1, 1, 1, 1, 1, 3, 2, 1, 3, 0)	66
13343	(8, 2, 5, 1, 1, 6, 4, 3, 1, 2, 1, 2, 1, 1, 1, 2, 2, 1, 1, 1, 1, 0)	22
13345	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 3, 1, 1, 5, 2, 1, 1, 1, 1, 1, 1, 3, 1, 2, 2, 0)	61
13347	(4, 3, 2, 1, 9, 5, 1, 0)	8
13349	(10, 1, 1, 4, 2, 3, 1, 1, 1, 2, 2, 3, 1, 1, 2, 2, 2, 2, 1, 1, 4, 0)	22
13351	(10, 1, 1, 4, 2, 3, 1, 1, 1, 2, 2, 1, 2, 3, 2, 2, 4, 1, 2, 1, 1, 0)	22
13353	(10, 1, 1, 4, 2, 3, 1, 1, 1, 2, 2, 1, 2, 5, 3, 2, 1, 1, 1, 1, 2, 0)	22
13355	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 1, 4, 2, 2, 4, 2, 2, 1, 0)	32
13357	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 3, 1, 2, 2, 2, 3, 2, 3, 0)	32
13359	(10, 1, 1, 4, 2, 1, 2, 1, 3, 4, 3, 1, 2, 1, 3, 1, 2, 2, 1, 1, 1, 0)	22
13361	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 3, 1, 2, 4, 1, 1, 4, 2, 0)	32
13363	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 3, 1, 2, 4, 1, 3, 3, 1, 0)	32
13365	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 4, 5, 0)	49
13367	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 5, 2, 5, 1, 1, 1, 3, 1, 1, 0)	32
13369	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 3, 1, 4, 3, 2, 2, 1, 2, 0)	32
13371	(4, 5, 7, 1, 2, 1, 4, 2, 1, 1, 4, 1, 2, 1, 0)	15
13373	(4, 3, 2, 1, 1, 6, 3, 2, 6, 1, 1, 3, 0)	13
13375	(4, 5, 7, 1, 2, 3, 1, 4, 4, 1, 1, 1, 1, 1, 0)	15
13377	(4, 3, 2, 1, 1, 6, 3, 4, 1, 4, 2, 2, 0)	13
13379	(4, 3, 2, 1, 1, 6, 3, 4, 3, 1, 4, 1, 0)	13

13381	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 3, 3, 4, 0)	49
13383	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 7, 2, 2, 1, 2, 2, 1, 1, 0)	32
13385	(10, 1, 3, 3, 1, 2, 1, 4, 1, 1, 2, 1, 2, 1, 5, 1, 1, 3, 1, 1, 2, 0)	22
13387	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 7, 2, 1, 0)	49
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13391	(4, 3, 2, 1, 1, 6, 5, 5, 3, 1, 1, 1, 0)	13
13393	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 3, 1, 1, 3, 2, 0)	32
13395	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 5, 4, 1, 2, 1, 1, 1, 3, 1, 0)	32
13397	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 8, 0)	13
13399	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 6, 4, 1, 1, 0)	49
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13403	(4, 3, 2, 1, 3, 3, 3, 6, 1, 1, 1, 1, 1, 1, 3, 2, 1, 4, 2, 3, 6, 1, 2, 1, 1, 1, 1, 1, 2, 1, 1, 2, 1, 1, 2, 1, 0)	37
13405	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 4, 1, 5, 1, 3, 0)	49
13407	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 5, 3, 1, 2, 3, 1, 3, 1, 1, 4, 1, 1, 1, 1, 0)	32
13409	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 3, 1, 1, 1, 1, 1, 3, 1, 3, 3, 1, 1, 2, 2, 0)	42
13411	(4, 3, 2, 1, 1, 10, 2, 1, 1, 1, 6, 1, 0)	13
13413	(4, 3, 2, 1, 1, 10, 2, 1, 1, 3, 1, 4, 0)	13
13415	(4, 3, 2, 1, 1, 4, 4, 5, 2, 1, 2, 3, 2, 1, 2, 1, 3, 2, 3, 1, 2, 2, 1, 1, 1, 2, 1, 1, 1, 2, 2, 1, 1, 1, 2, 7, 1, 1, 1, 1, 1, 4, 1, 1, 2, 1, 2, 1, 1, 1, 2, 1, 1, 0)	54
13417	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 1, 2, 1, 5, 3, 1, 2, 1, 1, 1, 1, 1, 1, 3, 2, 2, 3, 1, 1, 1, 2, 0)	42
13419	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 1, 2, 1, 5, 3, 3, 1, 1, 1, 1, 1, 1, 1, 1, 4, 1, 2, 1, 2, 2, 1, 0)	42
13421	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 6, 2, 2, 2, 2, 2, 1, 1, 1, 1, 1, 2, 3, 0)	32
13423	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 1, 6, 1, 3, 1, 2, 5, 2, 1, 1, 3, 2, 2, 3, 1, 1, 3, 1, 1, 1, 1, 1, 1, 1, 1, 1, 3, 1, 2, 1, 2, 1, 1, 1, 0)	78
13425	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 9, 2, 0)	13
13427	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 5, 2, 2, 2, 3, 1, 2, 2, 2, 3, 1, 0)	49

13429	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 2, 2, 1, 5, 0)	30
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13433	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 1, 5, 1, 2, 1, 2, 1, 1, 1, 4, 3, 2, 1, 2, 2, 1, 1, 2, 1, 2, 0)	32
13435	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 1, 5, 1, 2, 1, 2, 1, 1, 3, 3, 2, 1, 1, 1, 2, 3, 2, 1, 2, 1, 0)	32
13437	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 7, 2, 1, 1, 1, 3, 0)	49
13439	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 7, 2, 1, 1, 2, 2, 1, 2, 2, 1, 2, 2, 1, 1, 4, 1, 3, 1, 1, 1, 1, 3, 1, 2, 2, 1, 2, 1, 1, 3, 1, 1, 2, 2, 2, 2, 1, 1, 1, 1, 1, 1, 0)	90
13441	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 2, 6, 1, 2, 1, 1, 2, 2, 2, 0)	30
13443	(4, 3, 2, 1, 3, 1, 2, 4, 4, 4, 4, 1, 0)	13
13445	(4, 3, 2, 1, 3, 1, 2, 4, 6, 1, 2, 4, 0)	13
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13449	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 3, 2, 2, 6, 1, 3, 2, 1, 2, 3, 1, 1, 1, 1, 1, 3, 1, 1, 1, 2, 3, 1, 1, 7, 1, 1, 1, 1, 2, 1, 3, 1, 1, 1, 1, 2, 2, 1, 2, 1, 4, 1, 1, 2, 1, 1, 1, 2, 2, 2, 2, 3, 2, 1, 1, 1, 1, 2, 1, 2, 1, 1, 1, 1, 1, 1, 2, 1, 1, 2, 0)	83
13451	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 5, 2, 2, 1, 3, 2, 1, 0)	49
13453	(4, 3, 2, 1, 3, 1, 2, 6, 1, 2, 5, 3, 0)	13
13455	(4, 9, 4, 2, 1, 1, 2, 1, 4, 1, 4, 1, 1, 1, 0)	15
13457	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 4, 1, 1, 5, 1, 1, 2, 3, 2, 0)	49
13459	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 4, 1, 1, 5, 1, 3, 1, 3, 1, 0)	49
13461	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 1, 6, 0)	13
13463	(4, 3, 2, 1, 3, 1, 2, 6, 1, 8, 1, 1, 0)	13
13465	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 3, 1, 3, 2, 1, 1, 1, 1, 4, 2, 3, 1, 2, 0)	30
13467	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 3, 5, 1, 3, 2, 2, 1, 1, 1, 2, 1, 0)	30
13469	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 3, 1, 3, 2, 1, 1, 1, 3, 3, 1, 2, 1, 3, 0)	30
13471	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 9, 1, 3, 1, 1, 1, 2, 1, 1, 1, 1, 0)	30

13473	(4, 3, 2, 1, 7, 4, 1, 1, 2, 3, 4, 2, 2, 4, 1, 2, 1, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 1, 1, 3, 2, 1, 3, 1, 2, 1, 1, 1, 1, 2, 3, 1, 1, 1, 2, 1, 2, 2, 0)	49
13475	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 2, 2, 1, 4, 5, 1, 1, 2, 2, 1, 1, 1, 1, 1, 1, 2, 1, 1, 5, 1, 0)	66
13477	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 2, 2, 1, 4, 5, 1, 1, 2, 2, 1, 1, 1, 1, 1, 3, 1, 1, 1, 1, 4, 0)	66
13479	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 3, 2, 2, 4, 2, 1, 4, 1, 2, 3, 1, 1, 2, 1, 2, 1, 1, 0)	30
13481	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 3, 2, 2, 6, 1, 3, 2, 1, 2, 3, 1, 1, 1, 1, 1, 1, 2, 0)	30
13483	(4, 3, 2, 1, 3, 1, 2, 10, 2, 2, 2, 1, 0)	13
13485	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 2, 2, 3, 0)	25
13487	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 5, 3, 2, 4, 1, 3, 2, 1, 1, 1, 0)	49
13489	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 4, 1, 1, 1, 2, 4, 2, 0)	25
13491	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 4, 1, 1, 1, 4, 3, 1, 0)	25
13493	(4, 3, 2, 1, 3, 1, 4, 1, 2, 5, 2, 5, 0)	13
13495	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 4, 1, 2, 3, 2, 1, 1, 1, 2, 2, 1, 3, 3, 2, 1, 2, 1, 3, 1, 1, 0)	66
13497	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 4, 1, 2, 3, 2, 1, 1, 1, 4, 1, 1, 3, 2, 1, 1, 1, 3, 2, 1, 2, 0)	66
13499	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 4, 1, 2, 3, 2, 1, 1, 1, 4, 1, 1, 5, 1, 1, 1, 1, 3, 1, 2, 1, 0)	66
13501	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 5, 4, 2, 2, 1, 1, 2, 2, 2, 1, 1, 3, 0)	49
13503	(10, 1, 1, 4, 2, 3, 1, 1, 1, 2, 2, 1, 2, 5, 3, 2, 1, 1, 1, 3, 3, 1, 1, 2, 1, 1, 2, 2, 2, 1, 1, 1, 2, 1, 2, 1, 3, 2, 1, 2, 1, 5, 1, 1, 1, 2, 2, 2, 1, 1, 1, 1, 1, 1, 2, 3, 2, 1, 1, 1, 1, 1, 0)	63
13505	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 4, 1, 4, 1, 2, 2, 3, 2, 2, 0)	25
13507	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 4, 1, 4, 1, 4, 1, 1, 4, 1, 0)	25
13509	(8, 2, 5, 1, 1, 2, 1, 4, 4, 0)	10
13511	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 4, 1, 4, 3, 3, 2, 2, 1, 1, 0)	25
13513	(8, 2, 3, 2, 3, 6, 1, 1, 2, 0)	10
13515	(8, 2, 3, 2, 5, 1, 4, 2, 1, 0)	10

13517	(8, 2, 5, 1, 1, 2, 3, 3, 3, 0)	10
13519	(4, 3, 2, 5, 4, 1, 2, 3, 1, 3, 3, 1, 4, 1, 1, 3, 1, 1, 1, 0)	20
13521	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 3, 5, 1, 3, 1, 1, 1, 1, 2, 1, 3, 1, 1, 2, 1, 3, 2, 0)	30
13523	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 3, 5, 1, 3, 1, 1, 1, 1, 2, 1, 3, 1, 3, 1, 1, 3, 1, 0)	30
13525	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 7, 0)	13
13527	(8, 2, 3, 6, 2, 1, 4, 1, 1, 0)	10
13529	(8, 2, 5, 1, 3, 1, 5, 1, 2, 0)	10
13531	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 5, 2, 1, 3, 2, 3, 3, 1, 1, 2, 1, 0)	49
13533	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 3, 1, 3, 0)	49
13535	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 3, 1, 1, 1, 1, 0)	54
13537	(4, 3, 2, 5, 4, 9, 1, 2, 1, 1, 1, 2, 1, 1, 1, 1, 1, 2, 2, 0)	20
13539	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 9, 1, 0)	13
13541	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 2, 2, 1, 1, 2, 1, 2, 3, 1, 4, 1, 1, 1, 1, 2, 2, 1, 4, 0)	66
13543	(4, 5, 1, 1, 5, 3, 3, 2, 1, 1, 5, 1, 3, 2, 2, 2, 5, 1, 1, 1, 1, 1, 1, 1, 2, 2, 1, 1, 2, 1, 1, 0)	32
13545	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 2, 2, 1, 1, 2, 1, 2, 3, 1, 2, 2, 1, 5, 2, 1, 1, 1, 2, 0)	66
13547	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 4, 3, 2, 2, 1, 1, 1, 5, 1, 1, 3, 3, 2, 2, 1, 1, 2, 1, 2, 1, 1, 2, 2, 1, 0)	66
13549	(4, 3, 2, 1, 3, 1, 4, 1, 8, 1, 2, 3, 0)	13
13551	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 6, 2, 2, 5, 1, 1, 3, 1, 2, 4, 4, 1, 1, 1, 1, 1, 1, 2, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 2, 1, 2, 3, 4, 1, 1, 1, 1, 1, 1, 1, 1, 2, 1, 1, 1, 0)	90
13553	(10, 1, 1, 4, 2, 1, 2, 5, 2, 0)	10
13555	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 1, 2, 1, 1, 2, 3, 4, 1, 1, 2, 3, 1, 0)	30
13557	(10, 1, 1, 4, 2, 3, 1, 1, 5, 0)	10
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13561	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 1, 2, 1, 3, 1, 1, 4, 3, 1, 2, 1, 2, 0)	30
13563	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 1, 2, 1, 1, 8, 1, 1, 1, 2, 1, 2, 1, 0)	30

13565	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 4, 2, 3, 2, 4, 1, 2, 1, 1, 1, 2, 2, 3, 1, 2, 1, 3, 1, 1, 1, 1, 3, 0)	66
13567	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 4, 2, 3, 2, 4, 1, 2, 1, 1, 1, 2, 2, 1, 6, 3, 1, 1, 1, 1, 1, 1, 1, 0)	66
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13573	(4, 3, 2, 1, 3, 1, 4, 3, 1, 5, 2, 4, 0)	13
13575	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 3, 1, 1, 3, 4, 1, 1, 1, 3, 2, 1, 1, 0)	30
13577	(4, 3, 2, 1, 1, 4, 2, 2, 3, 1, 4, 2, 4, 4, 1, 1, 2, 1, 1, 1, 1, 4, 1, 2, 2, 2, 1, 1, 2, 0)	30
13579	(8, 8, 1, 1, 2, 2, 3, 2, 1, 0)	10
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13583	(10, 1, 3, 1, 4, 6, 1, 1, 1, 0)	10
13585	(10, 1, 3, 3, 1, 2, 3, 3, 2, 0)	10
13587	(4, 3, 2, 1, 3, 3, 3, 6, 1, 1, 1, 1, 1, 1, 3, 2, 1, 6, 1, 1, 2, 1, 3, 1, 0)	25
13589	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 6, 0)	20
13591	(10, 1, 3, 3, 3, 1, 5, 1, 1, 0)	10
13593	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 5, 3, 2, 3, 2, 2, 1, 3, 1, 1, 4, 1, 1, 2, 1, 3, 1, 1, 1, 2, 1, 1, 3, 1, 2, 0)	66
13595	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 4, 1, 3, 1, 2, 1, 2, 7, 2, 1, 2, 1, 1, 1, 1, 1, 2, 1, 0)	30
13597	(4, 3, 2, 1, 1, 4, 4, 5, 2, 1, 2, 3, 2, 1, 2, 1, 3, 2, 3, 1, 2, 2, 1, 1, 1, 2, 1, 1, 1, 2, 2, 1, 1, 3, 1, 1, 1, 2, 2, 1, 3, 0)	42
13599	(4, 3, 2, 1, 1, 4, 4, 5, 2, 1, 2, 3, 2, 1, 2, 1, 3, 2, 3, 1, 2, 2, 1, 1, 1, 2, 1, 1, 1, 2, 2, 1, 1, 1, 2, 5, 2, 1, 1, 1, 1, 0)	42
13601	(4, 3, 2, 1, 3, 1, 4, 3, 7, 1, 2, 2, 0)	13
13603	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 1, 2, 5, 1, 0)	30
13605	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 1, 4, 0)	30
13607	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 1, 2, 1, 5, 3, 1, 2, 1, 1, 0)	30
13609	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 1, 6, 3, 1, 3, 1, 1, 1, 1, 2, 0)	30
13611	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 3, 1, 3, 2, 2, 1, 0)	30
13613	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 5, 2, 3, 0)	20
13615	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 3, 3, 2, 2, 1, 2, 1, 2, 3, 3, 1, 2, 1, 2, 2, 2, 1, 1, 1, 0)	30
13617	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 2, 2, 1, 5, 1, 2, 1, 2, 3, 2, 1, 2, 2, 2, 3, 1, 1, 2, 1, 1, 1, 1, 1, 3, 2, 1, 1, 1, 1, 1, 1, 1, 1, 1, 2, 1, 2, 2, 1, 2, 1, 4, 2, 0)	66

13619	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 2, 2, 1, 5, 1, 2, 1, 2, 3, 2, 1, 2, 2, 2, 3, 1, 1, 2, 1, 1, 1, 1, 1, 3, 2, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 2, 1, 2, 2, 1, 2, 3, 3, 1, 0)	66
13621	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 3, 5, 0)	20
13623	(4, 3, 6, 4, 4, 3, 1, 1, 3, 1, 1, 1, 2, 5, 1, 1, 2, 1, 1, 1, 2, 2, 2, 1, 1, 2, 1, 1, 3, 1, 1, 0)	32
13625	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 4, 1, 1, 1, 1, 1, 1, 1, 1, 3, 4, 2, 1, 1, 1, 2, 2, 1, 2, 0)	30
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13631	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 2, 2, 1, 5, 1, 2, 1, 2, 3, 2, 1, 2, 2, 2, 3, 1, 1, 2, 1, 1, 1, 1, 1, 3, 2, 1, 1, 1, 1, 1, 1, 1, 1, 3, 1, 5, 1, 3, 1, 1, 1, 1, 1, 0)	66
13633	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 5, 2, 2, 0)	20
13635	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 3, 2, 2, 2, 2, 2, 3, 1, 1, 2, 1, 2, 1, 4, 1, 0)	49
13637	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 5, 3, 2, 1, 1, 2, 1, 2, 1, 1, 1, 1, 1, 3, 4, 0)	49
13639	(4, 3, 2, 1, 3, 3, 5, 3, 1, 2, 2, 2, 2, 4, 3, 1, 2, 1, 1, 1, 2, 2, 1, 1, 0)	25
13641	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 5, 2, 1, 2, 3, 1, 1, 2, 0)	20
13643	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 5, 3, 2, 1, 1, 2, 1, 2, 1, 1, 1, 1, 5, 2, 1, 0)	49
13645	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 5, 3, 2, 1, 1, 2, 3, 1, 1, 1, 1, 1, 1, 3, 3, 0)	49
13647	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 2, 5, 1, 4, 1, 6, 2, 1, 2, 2, 1, 2, 2, 1, 1, 1, 1, 2, 1, 1, 1, 2, 1, 2, 3, 1, 1, 1, 0)	42
13649	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 2, 5, 3, 3, 6, 1, 1, 2, 1, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 1, 1, 1, 1, 1, 1, 1, 3, 2, 0)	42
13651	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 2, 5, 3, 3, 6, 1, 1, 2, 1, 1, 2, 2, 1, 1, 1, 3, 1, 3, 1, 1, 1, 1, 1, 1, 1, 1, 3, 1, 0)	42
13653	(4, 13, 0)	3
13655	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 1, 4, 5, 1, 1, 1, 1, 1, 1, 2, 2, 2, 4, 1, 1, 0)	66
13657	(4, 3, 2, 1, 3, 1, 8, 2, 2, 4, 1, 2, 0)	13
13659	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 1, 4, 5, 1, 1, 1, 1, 1, 3, 3, 2, 1, 1, 2, 1, 0)	66
13661	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 2, 2, 1, 2, 2, 4, 1, 3, 0)	54

13663	(4, 3, 2, 1, 3, 1, 10, 5, 1, 1, 1, 1, 0)	13
13665	(4, 5, 1, 1, 5, 1, 2, 2, 2, 4, 2, 2, 2, 3, 2, 1, 1, 2, 2, 0)	20
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13669	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 3, 2, 4, 1, 4, 0)	18
13671	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 1, 3, 1, 4, 1, 3, 2, 3, 2, 1, 2, 2, 1, 1, 1, 1, 4, 2, 2, 1, 1, 1, 1, 2, 1, 1, 0)	42
13673	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 2, 2, 3, 5, 1, 1, 1, 2, 0)	54
13675	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 3, 1, 1, 3, 2, 1, 1, 4, 2, 1, 1, 2, 1, 3, 1, 2, 2, 1, 0)	66
13677	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 4, 1, 3, 2, 1, 1, 2, 3, 0)	54
13679	(4, 5, 1, 1, 5, 1, 2, 2, 4, 3, 3, 2, 1, 4, 1, 2, 1, 1, 1, 0)	20
13681	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 6, 2, 0)	18
13683	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 5, 3, 2, 3, 1, 0)	18
13685	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 4, 1, 5, 0)	18
13687	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 6, 2, 2, 1, 3, 1, 2, 2, 1, 1, 2, 2, 1, 3, 3, 1, 1, 0)	49
13689	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 9, 2, 1, 1, 1, 1, 2, 1, 2, 0)	54
13691	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 2, 4, 4, 2, 2, 1, 2, 1, 0)	54
13693	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 4, 1, 2, 5, 1, 1, 1, 3, 0)	54
13695	(4, 5, 1, 1, 5, 1, 2, 4, 5, 1, 4, 1, 4, 1, 1, 1, 1, 1, 1, 0)	20
13697	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 4, 3, 1, 3, 1, 2, 2, 2, 0)	54
13699	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 4, 3, 4, 1, 0)	18
13701	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 5, 2, 1, 1, 2, 4, 0)	18
13703	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 8, 2, 1, 1, 0)	18
13705	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 8, 1, 1, 1, 4, 1, 2, 1, 1, 2, 0)	54

13707	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 7, 1, 1, 3, 2, 1, 0)	18
13709	(4, 3, 2, 5, 2, 6, 3, 0)	8
13711	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 1, 4, 2, 1, 3, 1, 2, 1, 1, 2, 1, 4, 4, 1, 1, 1, 0)	30
13713	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 3, 3, 2, 3, 2, 0)	18
13715	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 3, 5, 1, 3, 1, 0)	18
13717	(4, 3, 2, 5, 4, 1, 6, 0)	8
13719	(4, 5, 1, 1, 5, 3, 3, 2, 1, 1, 3, 2, 1, 2, 1, 1, 6, 1, 1, 0)	20
13721	(4, 5, 1, 1, 5, 3, 3, 2, 1, 1, 3, 2, 1, 2, 1, 3, 3, 1, 2, 0)	20
13723	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 8, 3, 1, 1, 1, 2, 1, 0)	18
13725	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 3, 0)	42
13727	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 1, 6, 1, 1, 3, 6, 1, 1, 1, 2, 1, 2, 1, 1, 1, 1, 0)	30
13729	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 5, 2, 2, 1, 2, 2, 0)	18
13731	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 4, 3, 2, 2, 1, 1, 1, 3, 2, 1, 5, 1, 0)	54
13733	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 4, 3, 2, 2, 1, 1, 1, 5, 1, 1, 1, 4, 0)	54
13735	(4, 5, 1, 1, 5, 3, 5, 1, 1, 1, 3, 3, 1, 3, 2, 1, 2, 1, 1, 0)	20
13737	(4, 5, 1, 5, 2, 1, 4, 4, 1, 3, 3, 1, 3, 1, 1, 1, 2, 1, 1, 2, 3, 1, 1, 1, 4, 1, 1, 1, 1, 1, 2, 0)	32
13739	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 3, 1, 1, 1, 1, 1, 3, 1, 3, 3, 1, 1, 2, 2, 1, 1, 2, 4, 2, 2, 1, 1, 1, 1, 1, 2, 2, 1, 4, 1, 1, 1, 1, 1, 1, 2, 3, 1, 1, 2, 2, 2, 1, 0)	71
13741	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 4, 3, 4, 1, 1, 1, 1, 3, 1, 2, 2, 3, 0)	54
13743	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 3, 3, 4, 1, 2, 1, 2, 4, 2, 1, 1, 1, 1, 1, 2, 1, 1, 1, 1, 1, 2, 1, 1, 4, 2, 2, 2, 1, 2, 1, 4, 2, 1, 1, 1, 0)	78
13745	(4, 3, 2, 7, 3, 4, 2, 0)	8
13747	(4, 3, 2, 7, 5, 3, 1, 0)	8
13749	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 2, 2, 1, 1, 2, 5, 0)	54
13751	(4, 3, 2, 1, 1, 4, 4, 1, 5, 3, 1, 1, 1, 5, 1, 2, 1, 5, 1, 1, 1, 1, 1, 1, 3, 1, 3, 1, 1, 0)	30
13753	(4, 3, 2, 11, 2, 1, 2, 0)	8

13755	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 2, 2, 1, 3, 2, 1, 1, 4, 1, 2, 2, 2, 2, 3, 1, 2, 1, 0)	66
13757	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 4, 2, 3, 2, 4, 1, 2, 1, 1, 3, 0)	54
13759	(4, 3, 2, 1, 1, 12, 1, 1, 1, 5, 1, 4, 2, 1, 1, 3, 3, 1, 1, 2, 2, 1, 2, 1, 1, 2, 1, 1, 3, 2, 2, 1, 1, 1, 1, 2, 1, 1, 1, 1, 1, 0)	42
13761	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 4, 1, 1, 3, 2, 2, 0)	54
13763	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 3, 1, 1, 2, 1, 2, 2, 2, 1, 4, 1, 2, 1, 1, 2, 3, 2, 1, 1, 1, 1, 4, 1, 0)	42
13765	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 6, 4, 0)	37
13767	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 4, 3, 2, 2, 2, 1, 1, 0)	54
13769	(4, 3, 2, 1, 1, 4, 2, 2, 3, 1, 4, 2, 4, 4, 1, 1, 2, 0)	18
13771	(4, 3, 2, 1, 1, 4, 2, 2, 3, 1, 4, 4, 1, 2, 4, 2, 1, 0)	18
13773	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 3, 3, 0)	18
13775	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 1, 5, 1, 2, 1, 2, 1, 1, 3, 3, 2, 1, 1, 3, 1, 1, 6, 3, 1, 2, 1, 2, 4, 2, 1, 1, 1, 1, 2, 1, 2, 1, 1, 1, 2, 1, 1, 1, 2, 1, 1, 1, 1, 2, 1, 3, 1, 1, 1, 0)	61
13777	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 5, 1, 3, 2, 0)	18
13779	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 4, 1, 1, 1, 4, 4, 1, 1, 1, 3, 1, 2, 2, 1, 1, 3, 1, 0)	66
13781	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 7, 0)	37
13783	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 5, 3, 2, 3, 2, 2, 1, 3, 1, 1, 4, 1, 1, 0)	54
13785	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 4, 1, 1, 6, 1, 2, 0)	18
13787	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 8, 1, 1, 2, 1, 0)	18
13789	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 4, 1, 3, 3, 1, 3, 0)	18
13791	(4, 3, 2, 1, 1, 4, 4, 5, 2, 1, 2, 3, 2, 1, 2, 1, 3, 2, 3, 1, 2, 2, 1, 1, 3, 1, 1, 1, 1, 0)	30
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13795	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 7, 1, 0)	37
13797	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 3, 1, 6, 1, 1, 1, 1, 2, 1, 4, 0)	54

13799	(4, 3, 8, 1, 2, 2, 1, 1, 4, 2, 3, 2, 2, 3, 1, 1, 2, 1, 1, 0)	20
13801	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 3, 3, 4, 1, 1, 1, 2, 2, 2, 1, 1, 1, 4, 1, 2, 3, 1, 1, 1, 3, 1, 2, 1, 1, 2, 1, 2, 1, 1, 1, 2, 0)	42
13803	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 9, 2, 3, 4, 1, 1, 1, 1, 1, 1, 2, 2, 1, 0)	54
13805	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 3, 3, 2, 2, 1, 2, 3, 0)	18
13807	(4, 3, 8, 1, 2, 2, 1, 3, 3, 3, 1, 4, 2, 1, 1, 2, 1, 1, 1, 0)	20
13809	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 5, 2, 0)	13
13811	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 1, 1, 1, 1, 4, 2, 1, 1, 1, 3, 1, 1, 1, 2, 1, 1, 4, 1, 2, 3, 1, 0)	42
13813	(4, 3, 2, 1, 3, 3, 3, 6, 1, 1, 1, 5, 0)	13
13815	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 1, 1, 1, 1, 4, 2, 1, 1, 1, 1, 2, 1, 5, 1, 2, 1, 1, 2, 3, 1, 1, 0)	42
13817	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 1, 1, 1, 1, 4, 2, 1, 1, 1, 3, 1, 1, 3, 1, 1, 3, 2, 1, 2, 1, 2, 0)	42
13819	(4, 3, 8, 1, 4, 1, 5, 2, 1, 2, 1, 1, 1, 3, 1, 2, 1, 2, 1, 0)	20
13821	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 4, 1, 1, 1, 1, 1, 3, 0)	18
13823	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 2, 2, 1, 5, 1, 2, 1, 2, 3, 2, 1, 2, 2, 2, 3, 1, 1, 2, 1, 1, 1, 1, 1, 5, 1, 1, 1, 1, 1, 1, 1, 1, 0)	54
13825	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 1, 2, 5, 1, 1, 1, 2, 1, 5, 1, 1, 2, 2, 2, 2, 0)	30
13827	(4, 3, 2, 1, 3, 3, 5, 1, 4, 2, 4, 1, 0)	13
13829	(4, 3, 2, 1, 3, 3, 5, 3, 1, 2, 2, 4, 0)	13
13831	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 1, 2, 5, 1, 1, 3, 1, 1, 1, 4, 2, 3, 2, 1, 1, 0)	30
13833	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 1, 2, 5, 1, 1, 3, 1, 1, 3, 1, 4, 2, 1, 1, 2, 0)	30
13835	(4, 3, 2, 1, 3, 3, 5, 3, 3, 3, 2, 1, 0)	13
13837	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 3, 4, 3, 0)	37
13839	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 2, 2, 1, 1, 1, 1, 1, 2, 4, 1, 2, 2, 1, 3, 2, 3, 1, 1, 1, 1, 1, 2, 1, 5, 1, 1, 1, 0)	83
13841	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 5, 3, 2, 0)	37
13843	(4, 3, 2, 1, 7, 2, 2, 5, 1, 4, 1, 1, 1, 1, 1, 2, 2, 2, 1, 2, 2, 1, 3, 1, 0)	25
13845	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 1, 2, 6, 0)	54
13847	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 1, 3, 1, 2, 2, 1, 4, 1, 1, 1, 2, 5, 1, 1, 0)	30
13849	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 1, 3, 1, 2, 2, 1, 4, 1, 1, 3, 1, 3, 1, 2, 0)	30
13851	(4, 3, 2, 1, 7, 4, 1, 3, 1, 3, 1, 1, 2, 2, 2, 3, 2, 3, 1, 1, 1, 1, 2, 1, 0)	25

13853	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 7, 2, 1, 3, 0)	37
13855	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 1, 1, 4, 4, 3, 1, 2, 2, 2, 2, 1, 1, 1, 1, 0)	30
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13859	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 3, 5, 1, 0)	54
13861	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 1, 2, 5, 1, 2, 1, 1, 4, 0)	54
13863	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 1, 2, 3, 6, 1, 2, 1, 1, 0)	54
13865	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 1, 3, 9, 1, 1, 1, 1, 1, 2, 1, 1, 1, 1, 2, 0)	30
13867	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 5, 2, 2, 1, 0)	54
13869	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 3, 1, 1, 3, 2, 3, 0)	54
13871	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 2, 4, 2, 3, 3, 1, 1, 3, 3, 3, 1, 1, 1, 1, 2, 2, 1, 1, 1, 0)	66
13873	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 4, 3, 3, 1, 1, 1, 3, 1, 1, 2, 3, 1, 2, 1, 1, 1, 1, 4, 2, 0)	66
13875	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 4, 3, 3, 1, 1, 1, 3, 1, 1, 2, 3, 1, 2, 1, 1, 1, 3, 3, 1, 0)	66
13877	(4, 5, 1, 1, 3, 6, 5, 0)	8
13879	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 9, 1, 4, 1, 1, 1, 2, 1, 1, 1, 1, 1, 3, 1, 1, 0)	30
13881	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 8, 2, 1, 2, 1, 1, 3, 2, 2, 2, 1, 2, 0)	54
13883	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 8, 2, 3, 1, 1, 1, 1, 2, 4, 1, 2, 1, 0)	54
13885	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 6, 4, 1, 1, 3, 0)	37
13887	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 2, 2, 1, 1, 2, 1, 2, 3, 1, 4, 1, 1, 1, 3, 3, 4, 3, 1, 1, 1, 1, 1, 3, 1, 1, 2, 2, 1, 2, 2, 1, 2, 1, 2, 1, 1, 2, 1, 1, 1, 1, 5, 1, 1, 1, 1, 1, 0)	95
13889	(4, 3, 2, 1, 3, 7, 2, 1, 2, 4, 2, 2, 0)	13

13891	(4, 3, 2, 1, 3, 7, 2, 1, 4, 1, 4, 1, 0)	13
13893	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 3, 1, 3, 2, 3, 4, 0)	37
13895	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 1, 3, 1, 1, 1, 1, 4, 3, 1, 1, 1, 1, 1, 4, 3, 1, 2, 2, 1, 1, 0)	49
13897	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 1, 3, 1, 1, 1, 1, 2, 6, 1, 2, 1, 2, 1, 1, 2, 1, 3, 1, 1, 2, 0)	49
13899	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 3, 1, 3, 6, 2, 1, 0)	37
13901	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 3, 1, 5, 1, 3, 3, 0)	37
13903	(10, 1, 3, 3, 1, 2, 1, 4, 1, 1, 2, 1, 2, 1, 5, 1, 1, 3, 1, 1, 2, 1, 2, 1, 1, 2, 1, 2, 2, 2, 2, 1, 1, 3, 3, 1, 1, 1, 0)	39
13905	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 2, 2, 1, 1, 1, 1, 2, 4, 1, 1, 2, 2, 1, 1, 3, 2, 0)	30
13907	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 2, 2, 1, 1, 1, 1, 2, 4, 1, 1, 4, 1, 1, 1, 3, 1, 0)	30
13909	(4, 5, 1, 1, 5, 1, 8, 0)	8
13911	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 3, 3, 2, 1, 2, 2, 3, 1, 2, 3, 4, 1, 1, 0)	54
13913	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 3, 3, 2, 1, 2, 2, 3, 3, 1, 1, 4, 1, 2, 0)	54
13915	(4, 3, 2, 1, 1, 4, 2, 6, 4, 3, 3, 1, 2, 1, 1, 2, 1, 0)	18
13917	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 1, 6, 1, 3, 0)	18
13919	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 1, 3, 2, 2, 3, 2, 2, 2, 1, 1, 2, 1, 3, 4, 1, 1, 1, 1, 0)	30
13921	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 3, 7, 1, 1, 2, 2, 0)	37
13923	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 3, 1, 6, 1, 0)	18
13925	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 3, 3, 1, 4, 0)	18
13927	(4, 5, 1, 5, 2, 1, 4, 4, 1, 3, 3, 1, 3, 1, 1, 1, 2, 1, 1, 0)	20
13929	(4, 5, 1, 5, 2, 1, 6, 3, 2, 2, 1, 2, 1, 1, 3, 1, 1, 1, 2, 0)	20
13931	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 3, 1, 1, 1, 1, 1, 3, 1, 3, 3, 1, 1, 2, 2, 1, 1, 2, 4, 2, 2, 1, 1, 1, 1, 1, 2, 2, 1, 2, 2, 1, 0)	59
13933	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 7, 1, 1, 1, 2, 1, 1, 2, 1, 1, 2, 2, 3, 1, 1, 1, 2, 3, 0)	30
13935	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 3, 3, 2, 3, 3, 2, 4, 2, 1, 2, 1, 1, 1, 0)	54
13937	(4, 5, 1, 1, 5, 7, 2, 0)	8
13939	(4, 3, 2, 1, 1, 4, 4, 1, 3, 6, 1, 2, 1, 2, 2, 3, 1, 0)	18

13941	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 3, 3, 4, 1, 2, 1, 2, 4, 2, 1, 1, 1, 1, 1, 2, 1, 1, 1, 1, 1, 2, 1, 5, 0)	66
13943	(4, 3, 2, 1, 1, 4, 4, 1, 5, 3, 1, 1, 1, 5, 3, 1, 1, 0)	18
13945	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 3, 5, 1, 5, 1, 1, 2, 3, 1, 1, 2, 1, 2, 0)	54
13947	(4, 3, 2, 1, 1, 4, 4, 1, 5, 3, 1, 1, 5, 2, 1, 2, 1, 0)	18
13949	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 4, 1, 1, 1, 3, 2, 1, 2, 2, 1, 1, 3, 3, 1, 2, 1, 2, 1, 1, 1, 3, 0)	47
13951	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 11, 3, 1, 1, 1, 1, 1, 2, 1, 6, 1, 1, 2, 1, 1, 1, 1, 1, 1, 0)	30
13953	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 2, 2, 1, 5, 4, 1, 3, 1, 2, 1, 2, 1, 1, 1, 1, 1, 1, 1, 2, 2, 2, 0)	47
13955	(4, 5, 1, 1, 9, 4, 1, 0)	8
13957	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 3, 1, 1, 2, 1, 2, 2, 2, 1, 2, 4, 0)	30
13959	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 5, 2, 2, 4, 2, 1, 1, 0)	37
13961	(4, 3, 2, 1, 3, 1, 2, 4, 6, 1, 2, 2, 2, 1, 1, 1, 6, 2, 1, 1, 1, 3, 2, 1, 1, 2, 1, 1, 2, 0)	30
13963	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 3, 1, 1, 2, 1, 2, 4, 1, 3, 2, 1, 0)	30
13965	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 2, 2, 1, 5, 3, 0)	54
13967	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 1, 2, 3, 4, 2, 1, 1, 4, 1, 1, 1, 0)	30
13969	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 3, 1, 1, 3, 4, 1, 2, 3, 2, 0)	37
13971	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 3, 1, 1, 3, 4, 3, 1, 3, 1, 0)	37
13973	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 4, 1, 1, 1, 6, 0)	54
13975	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 2, 2, 7, 1, 1, 0)	54
13977	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 1, 2, 6, 2, 1, 1, 3, 1, 1, 1, 1, 2, 2, 1, 1, 2, 3, 1, 2, 0)	30
13979	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 1, 2, 6, 2, 1, 1, 1, 2, 1, 1, 3, 4, 1, 2, 1, 1, 1, 2, 1, 0)	30
13981	(4, 3, 2, 1, 1, 4, 4, 5, 2, 1, 2, 3, 2, 1, 2, 1, 3, 0)	18
13983	(4, 9, 4, 2, 1, 1, 2, 1, 2, 6, 3, 4, 2, 1, 3, 1, 1, 1, 1, 1, 1, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 0)	32
13985	(4, 3, 2, 1, 1, 4, 4, 5, 2, 3, 1, 3, 1, 2, 1, 2, 2, 0)	18
13987	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 3, 1, 5, 2, 1, 1, 1, 5, 1, 0)	37
13989	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 3, 1, 7, 1, 1, 1, 1, 1, 4, 0)	37
13991	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 3, 3, 4, 1, 1, 1, 2, 2, 2, 1, 1, 1, 4, 1, 2, 1, 2, 1, 1, 0)	30

13993	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 5, 4, 1, 2, 4, 1, 1, 1, 1, 1, 1, 1, 2, 0)	30
13995	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 4, 1, 1, 1, 2, 1, 1, 1, 1, 2, 3, 1, 2, 3, 1, 2, 2, 2, 2, 1, 0)	42
13997	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 3, 2, 2, 6, 1, 3, 2, 1, 2, 3, 1, 1, 1, 1, 1, 3, 1, 1, 1, 2, 1, 2, 1, 1, 1, 2, 1, 2, 1, 1, 2, 2, 2, 3, 0)	47
13999	(4, 3, 2, 1, 3, 1, 2, 6, 3, 5, 4, 1, 1, 1, 1, 4, 1, 1, 1, 2, 1, 1, 1, 2, 3, 2, 1, 1, 1, 0)	30
14001	(4, 3, 6, 4, 2, 4, 2, 0)	8
14003	(4, 3, 6, 4, 4, 3, 1, 0)	8
14005	(4, 3, 8, 1, 2, 2, 5, 0)	8
14007	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 5, 2, 2, 1, 3, 1, 1, 0)	54
14009	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 3, 1, 1, 1, 1, 3, 2, 3, 2, 1, 2, 0)	54
14011	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 3, 1, 1, 1, 1, 5, 1, 3, 1, 2, 1, 0)	54
14013	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 1, 1, 1, 1, 4, 2, 1, 1, 3, 0)	30
14015	(4, 3, 2, 1, 1, 4, 10, 3, 1, 3, 2, 2, 1, 1, 1, 1, 1, 0)	18
14017	(4, 3, 8, 3, 3, 2, 2, 0)	8
14019	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 9, 2, 1, 1, 2, 3, 1, 4, 1, 1, 1, 4, 1, 2, 1, 1, 1, 1, 1, 1, 1, 1, 2, 1, 1, 4, 1, 0)	66
14021	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 2, 3, 4, 4, 0)	18
14023	(4, 3, 12, 2, 2, 1, 1, 0)	8
14025	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 5, 1, 1, 1, 3, 2, 2, 2, 1, 5, 1, 1, 2, 0)	37
14027	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 5, 1, 1, 1, 3, 2, 4, 1, 1, 1, 4, 2, 1, 0)	37
14029	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 2, 5, 3, 3, 0)	18
14031	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 1, 2, 1, 1, 1, 2, 1, 4, 1, 2, 3, 5, 1, 1, 1, 1, 3, 1, 1, 1, 0)	66
14033	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 2, 2, 1, 1, 1, 1, 1, 2, 4, 1, 2, 2, 1, 3, 2, 0)	71
14035	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 2, 2, 1, 1, 1, 1, 1, 2, 4, 1, 4, 1, 1, 3, 1, 0)	71
14037	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 1, 2, 7, 0)	18
14039	(4, 3, 2, 1, 7, 2, 2, 5, 1, 4, 1, 1, 0)	13

14041	(4, 3, 2, 1, 7, 4, 1, 1, 2, 5, 1, 2, 0)	13
14043	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 5, 1, 1, 5, 2, 1, 3, 1, 3, 1, 1, 2, 1, 0)	37
14045	(4, 3, 2, 1, 7, 4, 1, 3, 1, 3, 1, 3, 0)	13
14047	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 2, 2, 1, 1, 1, 1, 3, 3, 2, 3, 3, 1, 1, 1, 1, 0)	71
14049	(8, 2, 3, 6, 2, 1, 2, 2, 1, 2, 1, 1, 3, 1, 2, 1, 2, 1, 3, 3, 1, 1, 1, 1, 2, 2, 0)	27
14051	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 1, 8, 1, 0)	18
14053	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 6, 2, 1, 4, 0)	18
14055	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 9, 1, 2, 1, 4, 1, 1, 2, 1, 1, 2, 1, 2, 1, 1, 2, 1, 1, 0)	30
14057	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 3, 1, 1, 5, 2, 1, 1, 1, 1, 1, 1, 1, 4, 2, 2, 2, 1, 1, 1, 2, 0)	66
14059	(4, 3, 2, 1, 9, 3, 4, 1, 1, 2, 2, 1, 0)	13
14061	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 2, 4, 2, 3, 1, 2, 3, 0)	54
14063	(4, 3, 2, 1, 15, 1, 1, 1, 2, 1, 1, 1, 0)	13
14065	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 5, 2, 0)	18
14067	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 1, 4, 2, 2, 4, 2, 2, 1, 1, 1, 2, 3, 1, 0)	37
14069	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 4, 3, 1, 2, 1, 1, 5, 0)	54
14071	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 3, 1, 2, 2, 2, 5, 1, 1, 2, 2, 3, 1, 1, 0)	37
14073	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 4, 1, 6, 1, 2, 1, 2, 0)	54
14075	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 3, 1, 2, 4, 1, 1, 6, 1, 1, 2, 1, 2, 1, 0)	37
14077	(10, 1, 1, 4, 2, 3, 1, 1, 1, 4, 1, 3, 2, 2, 1, 3, 3, 1, 1, 1, 2, 1, 1, 1, 1, 3, 0)	27
14079	(10, 1, 1, 4, 2, 3, 1, 1, 1, 2, 6, 2, 2, 2, 1, 4, 2, 1, 2, 1, 1, 1, 1, 1, 1, 1, 0)	27
14081	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 5, 2, 2, 2, 0)	18
14083	(4, 3, 2, 1, 1, 6, 3, 2, 6, 1, 1, 1, 2, 1, 2, 4, 1, 0)	18
14085	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 1, 1, 2, 1, 1, 3, 2, 4, 0)	37
14087	(4, 3, 2, 1, 1, 6, 3, 2, 6, 1, 1, 3, 1, 3, 2, 1, 1, 0)	18
14089	(4, 5, 7, 1, 2, 3, 1, 4, 4, 1, 1, 1, 1, 1, 2, 2, 1, 1, 2, 0)	20
14091	(4, 3, 2, 1, 1, 6, 3, 4, 3, 1, 2, 2, 1, 2, 3, 2, 1, 0)	18

14093	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 1, 3, 1, 1, 1, 1, 4, 3, 0)	37
14095	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 1, 1, 2, 1, 7, 1, 1, 1, 0)	37
14097	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 1, 3, 1, 1, 1, 3, 3, 2, 0)	37
14099	(10, 1, 3, 3, 1, 2, 1, 4, 1, 1, 2, 1, 2, 1, 5, 1, 1, 3, 1, 1, 2, 1, 2, 1, 3, 1, 0)	27
14101	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 6, 0)	42
14103	(4, 3, 2, 1, 1, 6, 5, 5, 1, 2, 1, 1, 1, 1, 5, 1, 1, 0)	18
14105	(4, 3, 2, 1, 1, 6, 5, 5, 3, 1, 1, 1, 1, 1, 3, 1, 2, 0)	18
14107	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 1, 2, 5, 2, 2, 2, 3, 1, 1, 5, 1, 2, 1, 3, 1, 1, 1, 1, 3, 1, 1, 1, 1, 1, 1, 1, 2, 1, 0)	47
14109	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 2, 2, 1, 3, 0)	18
14111	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 5, 4, 1, 2, 1, 1, 1, 3, 3, 2, 1, 1, 1, 1, 0)	37
14113	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 4, 1, 3, 2, 1, 2, 4, 1, 2, 2, 0)	54
14115	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 1, 3, 2, 2, 5, 1, 0)	18
14117	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 1, 3, 4, 1, 1, 4, 0)	18
14119	(4, 3, 2, 1, 3, 3, 3, 6, 1, 1, 1, 1, 1, 1, 3, 2, 1, 4, 2, 3, 6, 1, 2, 1, 1, 1, 1, 1, 2, 1, 1, 2, 1, 1, 2, 1, 3, 1, 2, 1, 1, 0)	42
14121	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 4, 1, 5, 1, 5, 1, 1, 1, 1, 2, 0)	54
14123	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 1, 5, 3, 2, 2, 1, 0)	18
14125	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 2, 2, 1, 1, 1, 2, 4, 2, 3, 0)	35
14127	(4, 3, 2, 1, 1, 10, 2, 1, 1, 1, 4, 4, 2, 2, 1, 1, 1, 0)	18
14129	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 2, 2, 1, 1, 1, 4, 1, 4, 2, 0)	35
14131	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 2, 2, 1, 1, 1, 4, 3, 3, 1, 0)	35
14133	(4, 5, 1, 5, 2, 3, 5, 0)	8
14135	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 7, 1, 1, 3, 1, 1, 0)	18
14137	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 6, 2, 2, 2, 2, 2, 1, 1, 1, 1, 1, 2, 3, 1, 2, 2, 1, 2, 0)	37
14139	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 2, 2, 1, 1, 3, 5, 1, 2, 1, 0)	35
14141	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 5, 2, 2, 2, 3, 1, 2, 2, 2, 1, 2, 1, 3, 1, 1, 3, 0)	54
14143	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 11, 3, 1, 1, 1, 1, 1, 0)	18
14145	(4, 5, 1, 5, 6, 2, 2, 0)	8
14147	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 4, 1, 1, 1, 3, 2, 1, 4, 1, 0)	35

14149	(4, 5, 1, 7, 1, 3, 4, 0)	8
14151	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 1, 5, 1, 2, 1, 2, 1, 1, 1, 4, 3, 2, 1, 2, 2, 1, 1, 2, 3, 1, 1, 2, 2, 1, 1, 0)	37
14153	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 7, 2, 1, 1, 1, 1, 3, 3, 1, 1, 2, 0)	54
14155	(4, 5, 1, 7, 5, 2, 1, 0)	8
14157	(4, 3, 2, 1, 3, 1, 2, 4, 6, 1, 2, 2, 2, 1, 1, 3, 3, 0)	18
14159	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 2, 6, 1, 2, 1, 1, 2, 2, 2, 2, 3, 1, 1, 1, 0)	35
14161	(4, 3, 2, 1, 3, 1, 2, 4, 6, 1, 2, 4, 1, 1, 1, 3, 2, 0)	18
14163	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 3, 1, 1, 3, 2, 3, 2, 1, 1, 1, 1, 3, 1, 0)	35
14165	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 9, 0)	42
14167	(4, 3, 2, 1, 3, 1, 2, 6, 1, 2, 3, 4, 1, 2, 4, 1, 1, 0)	18
14169	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 1, 2, 2, 3, 4, 1, 2, 0)	18
14171	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 5, 4, 1, 1, 3, 1, 2, 2, 1, 1, 2, 1, 0)	54
14173	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 1, 4, 1, 1, 4, 1, 3, 0)	18
14175	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 1, 2, 8, 1, 1, 1, 1, 0)	18
14177	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 4, 1, 1, 5, 1, 3, 1, 3, 1, 2, 1, 1, 2, 2, 0)	54
14179	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 1, 4, 6, 1, 0)	18
14181	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 1, 6, 1, 4, 0)	18
14183	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 6, 4, 2, 4, 1, 1, 1, 1, 1, 1, 2, 1, 1, 0)	54
14185	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 3, 3, 4, 1, 1, 1, 2, 0)	18
14187	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 3, 1, 3, 2, 1, 1, 1, 3, 3, 1, 2, 1, 1, 4, 1, 2, 2, 1, 0)	35
14189	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 1, 4, 6, 1, 1, 2, 3, 0)	18
14191	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 9, 1, 3, 1, 1, 1, 2, 1, 1, 1, 3, 1, 2, 1, 1, 1, 0)	35
14193	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 6, 2, 0)	18
14195	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 1, 6, 1, 4, 2, 3, 1, 0)	18
14197	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 3, 1, 5, 0)	18
14199	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 1, 6, 3, 3, 3, 1, 1, 0)	18
14201	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 3, 2, 2, 6, 1, 3, 2, 1, 2, 3, 1, 1, 1, 1, 1, 3, 1, 1, 1, 2, 1, 2, 0)	35

14203	(4, 3, 2, 1, 3, 1, 2, 10, 2, 2, 2, 1, 2, 2, 1, 2, 1, 0)	18
14205	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 4, 1, 1, 3, 1, 1, 1, 3, 0)	30
14207	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 5, 3, 2, 2, 2, 3, 3, 2, 3, 1, 1, 1, 1, 1, 1, 0)	54
14209	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 4, 1, 1, 1, 4, 1, 2, 2, 1, 2, 2, 2, 0)	30
14211	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 1, 3, 4, 1, 0)	18
14213	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 3, 1, 1, 1, 2, 4, 0)	18
14215	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 0)	18
14217	(4, 3, 2, 1, 3, 1, 4, 1, 2, 5, 6, 2, 1, 2, 1, 1, 2, 0)	18
14219	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 4, 1, 2, 3, 2, 1, 1, 1, 4, 1, 1, 5, 1, 1, 1, 1, 3, 1, 2, 1, 1, 1, 3, 2, 1, 0)	71
14221	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 7, 3, 0)	42
14223	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 5, 4, 2, 2, 1, 1, 2, 4, 1, 1, 1, 1, 2, 4, 1, 1, 1, 0)	54
14225	(8, 2, 5, 1, 1, 2, 1, 4, 2, 1, 2, 2, 3, 2, 0)	15
14227	(8, 2, 5, 1, 1, 2, 1, 4, 2, 1, 4, 1, 3, 1, 0)	15
14229	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 1, 2, 1, 1, 1, 2, 1, 6, 0)	54
14231	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 3, 1, 3, 6, 1, 1, 0)	18
14233	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 3, 1, 5, 3, 1, 2, 0)	18
14235	(8, 2, 3, 2, 3, 6, 1, 1, 4, 1, 1, 1, 2, 1, 0)	15
14237	(8, 2, 5, 1, 1, 2, 3, 3, 3, 1, 1, 2, 1, 3, 0)	15
14239	(8, 2, 3, 2, 5, 3, 3, 3, 1, 2, 1, 1, 1, 1, 0)	15
14241	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 3, 5, 2, 1, 2, 2, 0)	18
14243	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 1, 2, 1, 1, 3, 1, 5, 1, 0)	54
14245	(8, 2, 3, 6, 2, 1, 2, 2, 1, 2, 1, 1, 1, 4, 0)	15
14247	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 1, 4, 2, 1, 3, 1, 2, 1, 1, 2, 1, 4, 4, 1, 1, 1, 2, 1, 2, 2, 3, 3, 1, 1, 1, 1, 1, 2, 2, 1, 2, 1, 1, 0)	47
14249	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 3, 5, 1, 3, 1, 1, 1, 1, 2, 5, 2, 2, 2, 1, 1, 2, 1, 1, 1, 1, 1, 2, 0)	35
14251	(8, 2, 5, 1, 3, 1, 5, 1, 2, 1, 2, 2, 2, 1, 0)	15

14253	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 2, 2, 3, 0)	59
14255	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 3, 1, 1, 5, 2, 1, 1, 1, 0)	54
14257	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 7, 4, 2, 0)	42
14259	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 9, 3, 1, 0)	42
14261	(10, 1, 1, 4, 2, 3, 1, 1, 1, 2, 2, 1, 2, 5, 0)	15
14263	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 2, 2, 1, 1, 2, 1, 2, 3, 1, 4, 1, 1, 1, 1, 2, 2, 1, 2, 4, 1, 3, 1, 1, 0)	71
14265	(10, 1, 1, 4, 2, 1, 2, 1, 3, 2, 4, 2, 1, 2, 0)	15
14267	(10, 1, 1, 4, 2, 1, 2, 1, 3, 4, 3, 1, 2, 1, 0)	15
14269	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 4, 3, 2, 2, 1, 1, 1, 5, 1, 1, 3, 3, 2, 2, 1, 1, 2, 1, 2, 1, 1, 2, 2, 1, 1, 2, 1, 1, 3, 0)	71
14271	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 2, 2, 1, 1, 2, 1, 2, 3, 1, 4, 1, 1, 1, 3, 3, 4, 1, 2, 1, 1, 1, 1, 1, 0)	71
14273	(10, 1, 1, 4, 2, 3, 1, 1, 1, 4, 1, 3, 2, 2, 0)	15
14275	(10, 1, 1, 4, 2, 1, 2, 5, 2, 1, 1, 1, 4, 1, 0)	15
14277	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 5, 4, 0)	25
14279	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 1, 2, 1, 1, 2, 3, 4, 1, 1, 2, 3, 1, 2, 2, 2, 1, 1, 0)	35
14281	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 1, 2, 1, 3, 1, 1, 2, 4, 2, 1, 2, 1, 1, 4, 1, 1, 2, 0)	35
14283	(4, 5, 5, 4, 4, 2, 1, 0)	8
14285	(4, 5, 7, 1, 2, 3, 3, 0)	8
14287	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 4, 2, 3, 2, 4, 1, 2, 1, 1, 1, 2, 2, 3, 1, 2, 1, 1, 2, 1, 1, 1, 5, 1, 3, 1, 1, 1, 0)	71
14289	(4, 5, 7, 3, 1, 3, 2, 0)	8
14291	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 4, 2, 3, 2, 4, 1, 2, 1, 1, 1, 2, 2, 1, 6, 3, 1, 1, 1, 1, 1, 1, 1, 2, 1, 1, 3, 1, 0)	71
14293	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 7, 0)	25
14295	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 3, 1, 1, 3, 2, 2, 1, 1, 1, 2, 4, 1, 1, 1, 4, 1, 1, 0)	35
14297	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 7, 1, 2, 0)	25
14299	(4, 3, 2, 1, 3, 1, 4, 3, 1, 5, 4, 1, 4, 1, 1, 2, 1, 0)	18

14301	(10, 1, 3, 3, 1, 2, 1, 4, 1, 1, 2, 3, 1, 3, 0)	15
14303	(4, 3, 2, 1, 1, 4, 2, 2, 3, 1, 4, 2, 4, 4, 1, 1, 2, 1, 1, 1, 1, 4, 1, 2, 2, 2, 1, 3, 1, 3, 1, 1, 1, 1, 0)	35
14305	(8, 8, 1, 1, 4, 1, 3, 1, 2, 1, 1, 1, 2, 2, 0)	15
14307	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 7, 1, 0)	25
14309	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 4, 0)	25
14311	(10, 1, 3, 3, 1, 2, 3, 3, 4, 1, 1, 2, 1, 1, 0)	15
14313	(4, 3, 2, 1, 3, 3, 3, 6, 1, 1, 1, 1, 1, 1, 3, 2, 1, 4, 2, 5, 1, 2, 1, 1, 2, 1, 1, 1, 2, 0)	30
14315	(10, 1, 3, 3, 1, 6, 2, 2, 1, 1, 1, 2, 2, 1, 0)	15
14317	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 5, 3, 1, 2, 1, 2, 3, 0)	25
14319	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 5, 3, 2, 3, 2, 2, 1, 3, 1, 1, 4, 1, 1, 2, 1, 3, 1, 1, 1, 2, 1, 1, 1, 6, 1, 1, 2, 1, 1, 1, 0)	71
14321	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 1, 2, 1, 1, 1, 5, 2, 0)	35
14323	(4, 3, 2, 1, 1, 4, 4, 5, 2, 1, 2, 3, 2, 1, 2, 1, 3, 2, 3, 1, 2, 2, 1, 1, 1, 2, 1, 1, 1, 2, 2, 1, 1, 3, 1, 1, 1, 4, 1, 1, 1, 2, 1, 2, 3, 1, 0)	47
14325	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 3, 1, 1, 1, 1, 1, 5, 0)	35
14327	(4, 3, 2, 1, 3, 1, 4, 3, 7, 1, 2, 2, 1, 2, 3, 1, 1, 0)	18
14329	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 1, 2, 5, 1, 2, 1, 2, 1, 2, 0)	35
14331	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 3, 1, 6, 1, 1, 1, 1, 2, 1, 2, 3, 1, 1, 2, 2, 1, 4, 1, 3, 1, 1, 2, 1, 2, 1, 2, 1, 0)	71
14333	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 1, 2, 1, 5, 3, 3, 1, 1, 1, 1, 1, 1, 1, 3, 0)	35
14335	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 1, 6, 1, 3, 1, 2, 5, 2, 1, 1, 3, 2, 2, 3, 1, 1, 3, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 0)	71
14337	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 5, 2, 1, 2, 2, 2, 2, 2, 0)	25
14339	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 3, 1, 3, 2, 2, 4, 1, 0)	25
14341	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 1, 5, 1, 2, 1, 2, 1, 1, 1, 2, 2, 2, 4, 0)	25
14343	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 3, 1, 5, 3, 2, 1, 1, 0)	25
14345	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 2, 2, 1, 5, 1, 2, 1, 2, 3, 2, 1, 2, 2, 2, 3, 1, 1, 2, 1, 1, 1, 1, 1, 3, 2, 1, 1, 1, 1, 1, 1, 1, 1, 1, 2, 1, 2, 2, 1, 2, 3, 1, 2, 3, 2, 1, 1, 2, 0)	71
14347	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 1, 5, 1, 2, 1, 2, 1, 1, 1, 4, 3, 2, 1, 0)	25
14349	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 5, 2, 4, 3, 0)	42
14351	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 1, 5, 1, 2, 1, 2, 1, 1, 3, 5, 1, 1, 1, 0)	25
14353	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 5, 4, 3, 2, 0)	42

14355	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 1, 5, 1, 2, 3, 1, 1, 1, 3, 2, 1, 3, 1, 0)	25
14357	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 2, 6, 0)	23
14359	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 7, 5, 1, 1, 0)	42
14361	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 3, 2, 2, 2, 2, 2, 3, 1, 1, 2, 1, 2, 1, 2, 2, 2, 1, 3, 1, 2, 0)	54
14363	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 4, 1, 1, 3, 1, 1, 1, 1, 5, 5, 1, 2, 1, 4, 1, 3, 1, 2, 1, 1, 1, 2, 2, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 4, 1, 1, 1, 2, 2, 3, 2, 1, 1, 1, 1, 2, 1, 0)	71
14365	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 5, 3, 2, 1, 1, 2, 3, 1, 1, 1, 1, 1, 1, 1, 2, 2, 3, 2, 1, 3, 0)	54
14367	(4, 3, 2, 1, 3, 3, 5, 1, 4, 2, 2, 2, 2, 4, 1, 3, 1, 1, 2, 1, 1, 3, 1, 2, 2, 1, 1, 1, 1, 0)	30
14369	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 5, 3, 2, 1, 1, 2, 3, 1, 1, 1, 1, 1, 1, 1, 4, 1, 3, 1, 2, 2, 0)	54
14371	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 4, 5, 1, 0)	23
14373	(4, 9, 4, 2, 1, 1, 4, 0)	8
14375	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 2, 5, 1, 4, 1, 6, 2, 1, 2, 2, 1, 2, 2, 1, 1, 1, 1, 2, 1, 1, 1, 2, 1, 2, 1, 2, 1, 1, 4, 1, 2, 1, 1, 0)	47
14377	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 5, 3, 2, 1, 1, 2, 3, 1, 1, 1, 1, 1, 5, 2, 2, 1, 1, 1, 1, 2, 0)	54
14379	(4, 11, 1, 4, 2, 2, 1, 0)	8
14381	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 3, 3, 2, 3, 0)	23
14383	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 1, 2, 4, 3, 2, 1, 2, 1, 2, 2, 2, 2, 2, 2, 1, 2, 2, 1, 1, 1, 0)	71
14385	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 2, 2, 1, 2, 2, 4, 1, 1, 2, 1, 1, 4, 2, 0)	59
14387	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 2, 2, 1, 2, 2, 4, 1, 1, 2, 1, 3, 3, 1, 0)	59
14389	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 4, 5, 0)	42
14391	(4, 3, 2, 1, 7, 4, 1, 1, 2, 3, 4, 2, 2, 4, 1, 2, 1, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 1, 1, 3, 2, 1, 3, 1, 2, 1, 1, 1, 3, 1, 1, 0)	42
14393	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 6, 2, 2, 1, 2, 0)	23
14395	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 3, 2, 2, 4, 2, 1, 4, 1, 2, 1, 0)	23
14397	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 3, 1, 5, 1, 1, 3, 0)	23

14399	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 2, 2, 1, 4, 5, 1, 1, 4, 1, 1, 1, 1, 1, 0)	59
14401	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 4, 1, 3, 2, 1, 1, 2, 1, 1, 1, 4, 2, 2, 0)	59
14403	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 4, 1, 3, 2, 1, 1, 2, 1, 1, 3, 1, 4, 1, 0)	59
14405	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 5, 3, 4, 0)	42
14407	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 3, 4, 5, 1, 2, 1, 2, 2, 1, 1, 0)	23
14409	(4, 5, 1, 1, 5, 1, 2, 2, 4, 3, 3, 2, 1, 4, 1, 2, 1, 1, 1, 1, 3, 1, 1, 2, 0)	25
14411	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 9, 2, 1, 0)	42
14413	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 4, 1, 2, 3, 2, 1, 1, 1, 2, 2, 1, 3, 3, 0)	59
14415	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 4, 1, 3, 4, 3, 1, 1, 1, 0)	23
14417	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 4, 1, 2, 3, 2, 1, 1, 1, 4, 1, 1, 3, 2, 0)	59
14419	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 4, 5, 2, 1, 1, 1, 3, 1, 0)	23
14421	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 8, 0)	18
14423	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 5, 4, 4, 1, 1, 0)	42
14425	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 7, 1, 4, 1, 2, 0)	42
14427	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 8, 2, 3, 1, 1, 1, 1, 2, 4, 1, 2, 1, 5, 1, 1, 4, 2, 1, 1, 1, 1, 1, 1, 1, 2, 1, 1, 2, 1, 0)	71
14429	(4, 3, 2, 5, 4, 1, 2, 1, 2, 5, 1, 3, 0)	13
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14433	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 5, 2, 1, 1, 4, 1, 3, 1, 1, 2, 2, 0)	23
14435	(4, 3, 2, 5, 4, 1, 2, 3, 1, 1, 6, 1, 0)	13
14437	(4, 3, 2, 5, 4, 1, 2, 3, 1, 3, 1, 4, 0)	13
14439	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 5, 2, 5, 2, 2, 1, 1, 1, 2, 1, 1, 0)	23
14441	(4, 3, 2, 5, 2, 6, 3, 3, 1, 1, 1, 2, 0)	13
14443	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 1, 4, 2, 1, 3, 1, 2, 1, 1, 2, 1, 4, 4, 1, 1, 1, 2, 1, 2, 2, 1, 0)	35
14445	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 3, 5, 1, 3, 1, 1, 1, 1, 2, 3, 0)	23

14447	(10, 1, 3, 3, 1, 2, 1, 4, 1, 1, 2, 1, 2, 1, 5, 1, 1, 3, 1, 1, 2, 1, 2, 1, 1, 2, 1, 2, 2, 2, 2, 1, 1, 3, 1, 2, 1, 3, 2, 1, 4, 1, 1, 1, 2, 1, 3, 1, 1, 2, 1, 2, 1, 1, 1, 0)	56
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14455	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 0)	47
14457	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 5, 4, 1, 1, 2, 1, 2, 2, 1, 2, 1, 1, 2, 1, 2, 0)	59
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14461	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 5, 2, 2, 1, 2, 2, 2, 1, 1, 1, 3, 0)	23
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14465	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 4, 3, 2, 2, 1, 1, 1, 5, 1, 1, 1, 4, 1, 1, 2, 2, 2, 0)	59
14467	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 2, 2, 1, 1, 2, 1, 2, 1, 4, 4, 1, 0)	59
14469	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 2, 2, 1, 1, 2, 1, 2, 3, 1, 2, 4, 0)	59
14471	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 7, 1, 4, 2, 1, 1, 0)	42
14473	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 3, 1, 1, 1, 1, 1, 3, 1, 3, 3, 1, 1, 2, 2, 1, 1, 2, 4, 2, 2, 1, 1, 1, 1, 1, 2, 2, 1, 4, 1, 1, 1, 1, 1, 1, 2, 3, 1, 1, 2, 4, 1, 1, 1, 2, 1, 1, 2, 0)	76
14475	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 4, 3, 4, 1, 1, 1, 1, 3, 1, 4, 1, 1, 2, 1, 3, 2, 1, 0)	59
14477	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 3, 5, 3, 0)	18
14479	(4, 3, 2, 7, 3, 4, 2, 1, 4, 1, 1, 1, 0)	13
14481	(4, 3, 2, 1, 1, 4, 4, 1, 5, 3, 1, 1, 1, 5, 1, 2, 1, 5, 1, 1, 1, 1, 1, 1, 3, 1, 1, 2, 1, 1, 1, 2, 3, 2, 0)	35
14483	(4, 3, 2, 1, 1, 4, 4, 1, 5, 3, 1, 1, 1, 5, 1, 2, 1, 5, 1, 1, 1, 1, 1, 1, 3, 1, 1, 2, 1, 1, 3, 1, 3, 1, 0)	35
14485	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 1, 2, 1, 1, 6, 0)	23
14487	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 9, 1, 1, 0)	18
14489	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 4, 2, 3, 2, 4, 1, 2, 1, 1, 1, 2, 2, 3, 1, 2, 0)	59

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14493	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 7, 1, 2, 1, 3, 0)	42
14495	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 6, 2, 2, 2, 2, 2, 1, 1, 1, 1, 1, 2, 3, 1, 4, 1, 3, 2, 1, 4, 3, 3, 3, 1, 1, 3, 1, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 1, 1, 1, 1, 1, 2, 1, 1, 1, 1, 0)	66
14497	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 3, 1, 1, 2, 1, 2, 2, 2, 1, 4, 1, 2, 1, 1, 2, 3, 2, 1, 1, 1, 1, 4, 1, 1, 2, 1, 2, 2, 0)	47
14499	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 3, 1, 1, 5, 1, 0)	23
14501	(4, 3, 2, 1, 1, 4, 2, 2, 3, 1, 4, 2, 4, 4, 1, 1, 2, 1, 1, 1, 1, 4, 0)	23
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14505	(4, 3, 2, 1, 3, 1, 2, 4, 6, 1, 2, 2, 2, 1, 1, 3, 1, 1, 2, 2, 1, 5, 5, 1, 1, 1, 1, 2, 1, 1, 1, 1, 4, 1, 2, 1, 3, 1, 2, 1, 1, 1, 1, 1, 1, 2, 0)	47
14507	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 3, 1, 3, 2, 2, 2, 1, 0)	23
14509	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 5, 2, 2, 3, 0)	18
14511	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 1, 5, 1, 2, 1, 2, 1, 1, 3, 3, 2, 1, 1, 3, 1, 1, 6, 3, 1, 2, 1, 2, 4, 2, 1, 1, 1, 1, 2, 1, 2, 1, 1, 1, 2, 1, 1, 1, 2, 1, 1, 1, 1, 2, 1, 3, 1, 1, 1, 3, 2, 1, 1, 1, 0)	66
14513	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 4, 1, 3, 1, 2, 1, 2, 1, 2, 4, 2, 0)	23
14515	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 4, 1, 3, 1, 2, 1, 2, 1, 4, 3, 1, 0)	23
14517	(4, 3, 2, 1, 3, 3, 3, 6, 1, 1, 1, 1, 1, 1, 3, 2, 5, 0)	18
14519	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 5, 3, 2, 3, 2, 2, 1, 3, 1, 1, 4, 1, 1, 2, 1, 3, 1, 1, 0)	59
14521	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 4, 1, 3, 1, 2, 3, 1, 3, 2, 1, 2, 0)	23
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14525	(4, 3, 2, 1, 1, 4, 4, 5, 2, 1, 2, 3, 2, 1, 2, 1, 3, 2, 3, 1, 2, 2, 1, 1, 1, 2, 1, 1, 1, 2, 2, 1, 1, 3, 0)	35
14527	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 4, 1, 3, 3, 5, 2, 1, 1, 1, 1, 1, 0)	23
14529	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 3, 1, 6, 1, 1, 1, 1, 2, 1, 2, 1, 2, 3, 2, 2, 0)	59
14531	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 3, 1, 6, 1, 1, 1, 1, 2, 1, 2, 3, 1, 1, 4, 1, 0)	59
14533	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 1, 4, 4, 0)	23
14535	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 3, 1, 6, 1, 1, 1, 1, 2, 3, 1, 3, 2, 2, 1, 1, 0)	59

14537	(4, 3, 2, 1, 3, 3, 3, 6, 1, 1, 1, 1, 1, 7, 1, 1, 2, 0)	18
14539	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 3, 3, 2, 2, 1, 2, 1, 2, 1, 4, 2, 1, 0)	23
14541	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 3, 0)	23
14543	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 3, 3, 1, 4, 2, 4, 1, 1, 2, 1, 1, 3, 1, 1, 1, 0)	59
14545	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 1, 1, 1, 1, 4, 2, 1, 1, 1, 3, 1, 1, 1, 2, 1, 1, 4, 1, 2, 1, 2, 1, 2, 1, 3, 2, 0)	47
14547	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 1, 1, 1, 1, 4, 2, 1, 1, 1, 3, 1, 1, 1, 2, 1, 1, 4, 1, 2, 1, 2, 3, 1, 1, 3, 1, 0)	47
14549	(10, 7, 0)	3
14551	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 1, 1, 1, 1, 4, 2, 1, 1, 1, 1, 2, 1, 5, 1, 2, 1, 1, 2, 1, 2, 1, 2, 1, 4, 1, 1, 0)	47
14553	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 4, 1, 1, 1, 1, 1, 1, 1, 1, 5, 1, 2, 0)	23
14555	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 1, 1, 1, 1, 4, 2, 1, 1, 1, 3, 1, 1, 3, 1, 1, 3, 2, 1, 2, 1, 2, 3, 1, 1, 2, 1, 0)	47
14557	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 2, 2, 1, 5, 1, 2, 1, 2, 3, 2, 1, 2, 2, 2, 3, 1, 1, 2, 1, 1, 1, 1, 1, 3, 2, 1, 1, 1, 1, 1, 1, 1, 1, 3, 1, 3, 0)	59
14559	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 3, 2, 2, 6, 1, 3, 2, 1, 2, 1, 2, 1, 1, 1, 1, 5, 3, 1, 3, 1, 1, 1, 1, 1, 5, 1, 1, 2, 2, 2, 1, 2, 1, 1, 2, 1, 1, 1, 1, 1, 1, 2, 1, 2, 1, 2, 3, 1, 1, 1, 1, 0)	64
14561	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 4, 1, 1, 3, 1, 1, 1, 1, 5, 5, 1, 2, 1, 4, 1, 3, 1, 2, 1, 1, 1, 2, 2, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 2, 2, 0)	59
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14565	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 3, 2, 2, 2, 2, 2, 1, 4, 0)	42
14567	(4, 3, 2, 1, 3, 3, 5, 1, 4, 4, 3, 2, 1, 1, 2, 1, 1, 0)	18
14569	(4, 3, 2, 1, 3, 3, 5, 3, 1, 2, 4, 3, 2, 1, 1, 1, 2, 0)	18
14571	(4, 3, 2, 1, 3, 3, 5, 3, 1, 4, 3, 2, 1, 1, 2, 2, 1, 0)	18
14573	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 1, 2, 2, 2, 4, 1, 2, 3, 0)	59
14575	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 2, 5, 1, 4, 1, 6, 2, 1, 2, 2, 1, 2, 2, 1, 1, 1, 1, 2, 1, 1, 1, 0)	35
14577	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 5, 2, 0)	13
14579	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 5, 3, 2, 1, 1, 2, 3, 1, 0)	42
14581	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 5, 0)	13
14583	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 1, 2, 4, 3, 2, 3, 1, 1, 0)	59
14585	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 1, 3, 1, 2, 2, 1, 4, 1, 1, 1, 2, 3, 2, 1, 3, 1, 2, 1, 2, 0)	35

14587	(4, 3, 2, 1, 1, 4, 2, 2, 7, 2, 6, 1, 2, 2, 1, 1, 1, 1, 2, 1, 2, 1, 0)	23
14589	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 1, 4, 5, 1, 1, 1, 1, 3, 0)	59
14591	(4, 3, 2, 1, 7, 4, 1, 1, 2, 3, 4, 2, 2, 4, 1, 2, 1, 1, 1, 2, 1, 4, 1, 1, 1, 1, 1, 1, 1, 0)	30
14593	(4, 5, 1, 1, 3, 4, 2, 4, 3, 2, 2, 2, 0)	13
14595	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 3, 3, 2, 1, 1, 2, 4, 1, 0)	59
14597	(4, 5, 1, 1, 5, 1, 2, 2, 2, 4, 2, 4, 0)	13
14599	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 3, 5, 1, 1, 3, 2, 1, 1, 0)	59
14601	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 1, 2, 5, 1, 2, 1, 1, 4, 2, 2, 1, 1, 2, 0)	59
14603	(4, 5, 1, 1, 3, 4, 4, 3, 2, 3, 2, 1, 0)	13
14605	(4, 5, 1, 1, 5, 1, 2, 2, 4, 1, 4, 3, 0)	13
14607	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 3, 1, 1, 3, 2, 1, 1, 6, 1, 1, 1, 0)	59
14609	(4, 5, 1, 1, 5, 1, 2, 2, 4, 3, 3, 2, 0)	13
14611	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 2, 4, 2, 3, 3, 1, 1, 3, 3, 3, 1, 1, 1, 1, 2, 2, 1, 1, 1, 1, 2, 1, 3, 1, 0)	71
14613	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 6, 0)	47
14615	(4, 5, 1, 1, 3, 6, 3, 2, 1, 5, 1, 1, 0)	13
14617	(4, 5, 1, 1, 3, 6, 5, 1, 1, 3, 1, 2, 0)	13
14619	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 4, 3, 1, 2, 1, 1, 5, 1, 4, 1, 1, 2, 2, 1, 2, 1, 4, 1, 1, 1, 1, 1, 2, 1, 0)	71
14621	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 6, 2, 2, 1, 3, 1, 2, 2, 1, 3, 0)	42
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14625	(4, 5, 1, 1, 5, 1, 2, 4, 5, 1, 2, 2, 0)	13
14627	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 3, 1, 3, 2, 3, 2, 1, 1, 2, 5, 1, 0)	42
14629	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 3, 1, 3, 2, 3, 2, 1, 3, 1, 1, 4, 0)	42
14631	(4, 3, 2, 1, 3, 7, 2, 1, 2, 4, 2, 2, 3, 1, 2, 1, 1, 0)	18

14633	(4, 3, 2, 1, 3, 7, 2, 1, 4, 1, 4, 3, 1, 1, 1, 1, 2, 0)	18
14635	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 3, 1, 3, 2, 5, 1, 1, 3, 2, 2, 1, 0)	42
14637	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 6, 2, 3, 0)	47
14639	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 1, 3, 1, 1, 1, 1, 2, 6, 1, 2, 1, 2, 1, 1, 2, 1, 1, 2, 3, 2, 2, 2, 1, 1, 1, 0)	54
14641	(4, 5, 1, 1, 5, 1, 4, 3, 2, 1, 4, 2, 0)	13
14643	(4, 5, 1, 1, 5, 1, 4, 3, 2, 3, 3, 1, 0)	13
14645	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 3, 5, 0)	47
14647	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 7, 3, 2, 1, 1, 1, 1, 1, 2, 1, 2, 2, 1, 1, 3, 1, 1, 0)	59
14649	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 2, 2, 1, 1, 1, 1, 2, 4, 1, 1, 4, 1, 1, 1, 3, 1, 1, 2, 2, 1, 2, 0)	35
14651	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 1, 4, 2, 1, 1, 6, 1, 2, 1, 0)	23
14653	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 1, 4, 2, 1, 3, 3, 1, 1, 3, 0)	23
14655	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 2, 2, 1, 1, 1, 1, 4, 3, 2, 2, 1, 3, 2, 1, 1, 3, 1, 1, 1, 1, 1, 0)	35
14657	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 5, 2, 2, 0)	47
14659	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 1, 3, 2, 2, 3, 2, 2, 2, 1, 1, 2, 1, 3, 2, 2, 1, 1, 1, 1, 2, 1, 4, 1, 0)	35
14661	(4, 5, 1, 1, 5, 3, 3, 2, 1, 1, 3, 4, 0)	13
14663	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 5, 4, 1, 2, 1, 1, 1, 3, 3, 2, 1, 1, 1, 1, 1, 3, 1, 4, 1, 3, 2, 1, 1, 1, 1, 1, 1, 2, 2, 1, 1, 0)	54
14665	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 3, 1, 4, 2, 2, 3, 1, 1, 2, 0)	23
14667	(4, 5, 1, 1, 5, 3, 3, 2, 1, 5, 2, 1, 0)	13
14669	(4, 5, 1, 1, 5, 3, 5, 1, 1, 1, 3, 3, 0)	13
14671	(4, 5, 1, 5, 2, 1, 4, 4, 1, 3, 3, 1, 3, 1, 1, 1, 2, 1, 1, 2, 3, 1, 1, 1, 0)	25
14673	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 3, 1, 1, 1, 1, 1, 3, 1, 3, 3, 1, 1, 2, 2, 1, 1, 2, 4, 2, 2, 1, 1, 1, 1, 1, 2, 2, 1, 2, 2, 1, 1, 1, 1, 3, 2, 0)	64
14675	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 3, 1, 1, 1, 1, 1, 3, 1, 3, 3, 1, 1, 2, 2, 1, 1, 2, 4, 2, 2, 1, 1, 1, 1, 1, 2, 2, 1, 4, 1, 1, 1, 1, 1, 3, 1, 0)	64
14677	(4, 3, 2, 1, 1, 4, 2, 2, 1, 10, 0)	11
14679	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 3, 3, 4, 1, 2, 1, 2, 4, 2, 1, 1, 1, 1, 1, 2, 1, 1, 1, 1, 1, 2, 1, 1, 4, 2, 4, 1, 1, 0)	71

14681	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 3, 3, 4, 1, 2, 1, 2, 4, 2, 1, 1, 1, 1, 1, 2, 1, 1, 1, 1, 1, 2, 1, 3, 1, 2, 4, 1, 2, 0)	71
14683	(4, 3, 2, 1, 1, 4, 4, 1, 3, 6, 1, 2, 1, 2, 2, 1, 4, 2, 1, 1, 2, 1, 0)	23
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14687	(4, 3, 2, 1, 1, 4, 4, 1, 5, 3, 1, 1, 1, 5, 1, 2, 1, 5, 1, 1, 1, 1, 0)	23
14689	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 3, 5, 1, 5, 1, 1, 2, 3, 1, 1, 2, 1, 2, 2, 1, 1, 2, 2, 0)	59
14691	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 2, 2, 1, 3, 2, 1, 1, 2, 6, 1, 0)	59
14693	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 2, 2, 1, 3, 2, 1, 1, 4, 1, 4, 0)	59
14695	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 1, 6, 1, 3, 1, 2, 5, 2, 1, 1, 3, 2, 2, 3, 1, 1, 3, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 3, 1, 2, 1, 2, 1, 1, 3, 1, 1, 2, 3, 3, 1, 2, 1, 1, 2, 1, 1, 1, 2, 3, 1, 1, 1, 1, 2, 1, 1, 0)	100
14697	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 10, 1, 1, 1, 2, 0)	47
14699	(4, 5, 1, 1, 9, 2, 2, 3, 1, 2, 2, 1, 0)	13
14701	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 3, 1, 1, 2, 1, 2, 2, 2, 1, 4, 1, 2, 1, 1, 2, 3, 0)	35
14703	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 3, 1, 1, 2, 1, 2, 2, 2, 1, 2, 6, 1, 2, 1, 1, 1, 0)	35
14705	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 4, 6, 2, 0)	47
14707	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 2, 2, 1, 5, 1, 1, 3, 2, 3, 1, 0)	59
14709	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 5, 0)	47
14711	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 1, 2, 3, 4, 2, 1, 1, 2, 2, 1, 1, 1, 3, 3, 1, 1, 0)	35
14713	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 3, 1, 1, 2, 1, 8, 2, 1, 1, 1, 1, 1, 1, 2, 1, 2, 0)	35
14715	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 3, 1, 1, 3, 4, 1, 2, 3, 2, 2, 2, 1, 2, 1, 0)	42
14717	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 4, 1, 1, 1, 4, 4, 1, 1, 1, 3, 0)	59
14719	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 3, 1, 1, 3, 2, 5, 1, 1, 1, 1, 1, 3, 2, 3, 1, 2, 1, 1, 1, 1, 2, 1, 1, 5, 1, 1, 1, 1, 1, 1, 1, 0)	52
14721	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 4, 1, 1, 3, 1, 4, 1, 2, 2, 2, 0)	59

14723	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 5, 3, 2, 3, 4, 1, 0)	47
14725	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 5, 5, 1, 1, 2, 4, 0)	47
14727	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 5, 3, 6, 2, 1, 1, 0)	47
14729	(4, 3, 2, 1, 1, 4, 4, 5, 2, 1, 2, 3, 2, 3, 1, 1, 3, 1, 2, 1, 1, 2, 0)	23
14731	(4, 3, 2, 1, 1, 4, 4, 5, 2, 3, 1, 3, 1, 2, 1, 2, 2, 1, 1, 3, 2, 1, 0)	23
14733	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 1, 6, 3, 0)	47
14735	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 3, 1, 7, 1, 1, 1, 1, 1, 2, 3, 4, 1, 1, 1, 0)	42
14737	(4, 3, 8, 1, 2, 2, 1, 1, 4, 2, 3, 2, 0)	13
14739	(4, 3, 8, 1, 2, 2, 1, 1, 6, 1, 3, 1, 0)	13
14741	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 3, 1, 6, 0)	47
14743	(4, 3, 8, 1, 2, 2, 1, 3, 1, 6, 1, 1, 0)	13
14745	(4, 3, 8, 1, 2, 2, 1, 3, 3, 3, 1, 2, 0)	13
14747	(4, 3, 2, 1, 3, 1, 2, 6, 3, 5, 4, 1, 1, 1, 1, 4, 1, 1, 1, 2, 1, 1, 1, 2, 3, 2, 1, 1, 3, 1, 1, 1, 2, 1, 0)	35
14749	(4, 3, 6, 4, 4, 3, 1, 1, 1, 2, 1, 3, 0)	13
14751	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 3, 7, 1, 2, 1, 1, 4, 2, 1, 2, 1, 1, 1, 1, 0)	42
14753	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 5, 2, 2, 1, 1, 2, 1, 2, 2, 1, 2, 2, 0)	59
14755	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 1, 1, 1, 1, 4, 2, 1, 1, 1, 1, 2, 1, 5, 1, 0)	35
14757	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 1, 1, 1, 1, 4, 2, 1, 1, 1, 3, 1, 1, 1, 4, 0)	35
14759	(4, 3, 8, 1, 4, 1, 5, 2, 1, 2, 1, 1, 0)	13
14761	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 4, 1, 1, 3, 1, 1, 1, 5, 2, 1, 1, 1, 4, 1, 1, 1, 1, 2, 3, 1, 1, 1, 1, 1, 2, 0)	47
14763	(4, 3, 2, 1, 1, 4, 10, 3, 1, 3, 2, 2, 1, 1, 1, 1, 1, 1, 2, 2, 2, 1, 0)	23
14765	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 2, 3, 4, 2, 2, 1, 2, 2, 3, 0)	23
14767	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 9, 2, 1, 1, 2, 3, 1, 4, 1, 1, 1, 4, 1, 2, 1, 1, 1, 1, 1, 1, 1, 1, 2, 1, 1, 2, 2, 4, 2, 1, 1, 1, 0)	71
14769	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 1, 2, 3, 2, 1, 3, 4, 2, 0)	23
14771	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 1, 2, 3, 2, 1, 5, 3, 1, 0)	23
14773	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 1, 2, 5, 1, 1, 1, 2, 5, 0)	23
14775	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 2, 5, 1, 4, 3, 1, 3, 1, 1, 0)	23
14777	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 1, 2, 3, 2, 5, 2, 1, 2, 0)	23

14779	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 1, 2, 1, 1, 1, 2, 1, 4, 1, 2, 3, 5, 1, 1, 1, 1, 1, 2, 1, 1, 2, 3, 1, 2, 1, 0)	71
14781	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 2, 2, 1, 1, 1, 1, 1, 2, 4, 1, 2, 2, 1, 3, 2, 1, 2, 1, 1, 3, 0)	76
14783	(8, 2, 5, 1, 1, 2, 1, 4, 2, 1, 2, 2, 3, 2, 5, 1, 2, 1, 3, 2, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 1, 0)	32
14785	(4, 3, 2, 1, 7, 2, 2, 5, 1, 2, 2, 1, 1, 1, 3, 2, 2, 0)	18
14787	(4, 3, 2, 1, 7, 2, 2, 5, 1, 4, 1, 1, 1, 1, 1, 4, 1, 0)	18
14789	(4, 3, 2, 1, 1, 4, 2, 2, 7, 4, 0)	11
14791	(4, 3, 2, 1, 7, 4, 1, 1, 2, 5, 1, 2, 2, 2, 2, 1, 1, 0)	18
14793	(4, 3, 2, 1, 7, 4, 1, 3, 1, 3, 1, 1, 2, 4, 1, 1, 2, 0)	18
14795	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 1, 1, 4, 2, 4, 2, 1, 0)	23
14797	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 1, 3, 1, 2, 2, 3, 3, 0)	23
14799	(8, 2, 3, 6, 2, 1, 2, 2, 1, 2, 1, 1, 3, 1, 2, 1, 2, 1, 3, 1, 2, 1, 1, 3, 2, 2, 1, 3, 1, 1, 1, 0)	32
14801	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 1, 3, 1, 4, 1, 3, 2, 0)	23
14803	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 6, 2, 1, 4, 2, 1, 1, 3, 1, 0)	23
14805	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 1, 2, 1, 7, 0)	47
14807	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 3, 1, 1, 5, 2, 1, 1, 1, 1, 1, 1, 1, 4, 2, 2, 2, 1, 1, 1, 2, 1, 1, 4, 1, 1, 0)	71
14809	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 4, 3, 6, 1, 2, 0)	47
14811	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 2, 4, 2, 3, 1, 2, 1, 5, 1, 1, 2, 1, 0)	59
14813	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 4, 5, 3, 1, 3, 0)	47
14815	(4, 3, 2, 1, 15, 1, 1, 3, 1, 1, 1, 1, 3, 1, 1, 1, 1, 0)	18
14817	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 1, 4, 2, 2, 4, 2, 2, 1, 1, 1, 2, 1, 4, 1, 1, 1, 2, 2, 0)	42
14819	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 1, 2, 7, 1, 0)	47
14821	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 4, 3, 3, 1, 1, 1, 3, 1, 1, 2, 1, 4, 0)	59
14823	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 3, 1, 2, 2, 2, 5, 1, 1, 2, 2, 3, 1, 3, 1, 1, 2, 1, 1, 0)	42
14825	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 4, 1, 6, 1, 2, 3, 1, 2, 1, 1, 1, 2, 0)	59
14827	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 3, 1, 2, 4, 1, 1, 6, 1, 1, 2, 3, 1, 1, 1, 1, 2, 2, 1, 0)	42

14829	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 8, 2, 1, 2, 3, 0)	47
14831	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 2, 2, 1, 1, 2, 1, 2, 3, 1, 4, 1, 1, 1, 3, 3, 4, 3, 1, 1, 1, 1, 1, 3, 1, 1, 2, 2, 1, 2, 2, 1, 2, 1, 2, 1, 1, 2, 1, 1, 1, 0)	88
14833	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 5, 2, 0)	47
14835	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 1, 1, 2, 1, 1, 3, 2, 2, 3, 1, 2, 3, 1, 0)	42
14837	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 1, 3, 1, 1, 1, 1, 4, 1, 2, 1, 1, 1, 5, 0)	42
14839	(4, 3, 2, 1, 1, 6, 3, 2, 6, 1, 1, 3, 1, 3, 2, 1, 1, 1, 2, 3, 1, 1, 0)	23
14841	(4, 5, 7, 1, 2, 3, 1, 4, 4, 1, 1, 1, 1, 1, 2, 2, 1, 1, 2, 2, 1, 2, 1, 2, 0)	25
14843	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 1, 3, 1, 1, 1, 1, 2, 6, 1, 2, 1, 2, 1, 0)	42
14845	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 4, 2, 3, 2, 4, 1, 2, 1, 1, 1, 2, 2, 3, 1, 2, 1, 1, 2, 1, 1, 1, 5, 1, 3, 1, 1, 1, 2, 3, 2, 2, 1, 3, 1, 1, 1, 1, 2, 1, 1, 1, 1, 1, 3, 0)	88
14847	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 1, 2, 1, 3, 1, 1, 4, 3, 1, 2, 1, 2, 4, 2, 6, 1, 1, 1, 1, 1, 3, 1, 1, 2, 1, 2, 1, 1, 1, 1, 1, 1, 1, 1, 0)	52
14849	(10, 1, 3, 3, 1, 2, 1, 4, 1, 1, 2, 1, 2, 1, 5, 1, 1, 3, 1, 1, 2, 1, 2, 1, 1, 2, 1, 2, 2, 2, 2, 0)	32
14851	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 8, 1, 1, 3, 2, 4, 1, 0)	47
14853	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 2, 2, 1, 1, 1, 1, 2, 2, 4, 0)	23
14855	(4, 3, 2, 1, 1, 6, 5, 5, 1, 2, 1, 1, 1, 1, 3, 2, 1, 2, 3, 2, 1, 1, 0)	23
14857	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 8, 1, 5, 2, 1, 1, 2, 0)	47
14859	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 2, 2, 1, 1, 1, 3, 3, 2, 1, 0)	23
14861	(4, 3, 2, 1, 1, 4, 2, 6, 4, 3, 0)	11
14863	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 0)	23
14865	(4, 3, 2, 1, 1, 4, 2, 8, 3, 2, 0)	11
14867	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 1, 3, 2, 2, 3, 2, 2, 2, 1, 3, 1, 0)	23
14869	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 3, 3, 2, 1, 2, 6, 0)	47
14871	(4, 5, 1, 5, 2, 1, 4, 2, 2, 5, 1, 1, 0)	13
14873	(4, 5, 1, 5, 2, 1, 4, 4, 1, 3, 1, 2, 0)	13
14875	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 4, 1, 5, 1, 3, 2, 1, 1, 5, 1, 1, 1, 1, 2, 1, 0)	59
14877	(4, 5, 1, 5, 2, 3, 1, 2, 4, 2, 1, 3, 0)	13
14879	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 3, 1, 1, 1, 1, 1, 3, 1, 3, 3, 1, 1, 2, 2, 1, 1, 2, 4, 2, 2, 1, 1, 1, 1, 0)	52

14881	(4, 5, 1, 5, 2, 3, 1, 4, 3, 1, 2, 2, 0)	13
14883	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 3, 3, 2, 3, 5, 1, 0)	47
14885	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 7, 1, 1, 1, 2, 1, 1, 2, 1, 1, 4, 0)	23
14887	(4, 5, 1, 5, 2, 3, 3, 5, 1, 2, 1, 1, 0)	13
14889	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 5, 2, 1, 5, 1, 2, 1, 1, 1, 1, 2, 0)	23
14891	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 3, 3, 6, 2, 2, 1, 0)	47
14893	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 3, 5, 1, 3, 2, 3, 0)	47
14895	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 2, 2, 1, 1, 3, 5, 3, 1, 1, 2, 2, 1, 1, 1, 0)	40
14897	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 4, 1, 1, 1, 3, 2, 1, 2, 2, 1, 1, 1, 4, 2, 0)	40
14899	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 4, 1, 1, 1, 3, 2, 1, 2, 2, 1, 1, 3, 3, 1, 0)	40
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14903	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 3, 3, 4, 1, 2, 1, 2, 4, 2, 1, 1, 1, 1, 3, 1, 1, 0)	59
14905	(4, 5, 1, 7, 1, 5, 1, 2, 2, 2, 1, 2, 0)	13
14907	(4, 3, 2, 1, 3, 1, 2, 4, 6, 1, 2, 2, 2, 1, 1, 1, 2, 3, 4, 1, 2, 1, 0)	23
14909	(4, 3, 2, 1, 3, 1, 2, 4, 6, 1, 2, 2, 2, 1, 1, 3, 1, 1, 4, 1, 1, 3, 0)	23
14911	(4, 3, 2, 1, 3, 1, 2, 4, 6, 1, 2, 2, 2, 1, 1, 1, 8, 1, 1, 1, 1, 1, 0)	23
14913	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 1, 4, 4, 2, 2, 0)	23
14915	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 1, 6, 1, 4, 1, 0)	23
14917	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 1, 2, 3, 4, 0)	23
14919	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 3, 1, 1, 3, 2, 3, 2, 1, 1, 1, 1, 1, 4, 1, 2, 2, 1, 1, 0)	40
14921	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 9, 1, 3, 1, 1, 2, 0)	47
14923	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 1, 6, 2, 1, 0)	23
14925	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 3, 1, 3, 3, 0)	23
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14935	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 1, 6, 1, 2, 1, 3, 4, 1, 1, 0)	23
14937	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 1, 6, 3, 1, 1, 1, 4, 1, 2, 0)	23
14939	(4, 3, 2, 1, 3, 1, 2, 6, 1, 8, 1, 1, 1, 1, 4, 2, 1, 2, 1, 1, 2, 1, 0)	23

14941	(4, 3, 2, 1, 1, 4, 4, 7, 1, 3, 0)	11
14943	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 3, 3, 4, 1, 1, 1, 2, 4, 1, 1, 1, 1, 0)	23
14945	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 1, 4, 6, 1, 1, 2, 1, 4, 1, 1, 2, 2, 0)	23
14947	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 4, 1, 1, 1, 2, 1, 1, 1, 1, 2, 1, 6, 1, 0)	35
14949	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 4, 1, 1, 1, 2, 1, 1, 1, 1, 2, 3, 1, 4, 0)	35
14951	(4, 3, 2, 1, 3, 1, 2, 6, 3, 5, 4, 1, 1, 1, 1, 4, 1, 1, 1, 2, 1, 1, 0)	23
14953	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 1, 6, 1, 4, 2, 3, 1, 3, 1, 1, 1, 2, 0)	23
14955	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 3, 1, 5, 2, 1, 2, 2, 1, 0)	23
14957	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 3, 2, 2, 6, 1, 3, 2, 1, 2, 3, 1, 1, 1, 1, 1, 3, 1, 1, 1, 2, 1, 2, 1, 1, 1, 2, 3, 0)	40
14959	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 3, 2, 2, 4, 2, 1, 4, 1, 2, 3, 1, 1, 2, 3, 1, 1, 3, 1, 1, 1, 2, 2, 1, 2, 1, 1, 1, 0)	40
14961	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 7, 2, 0)	30
14963	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 5, 3, 2, 2, 2, 3, 3, 2, 1, 2, 1, 1, 1, 1, 1, 1, 2, 2, 3, 1, 0)	59
14965	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 5, 0)	47
14967	(4, 3, 2, 1, 1, 4, 10, 3, 1, 1, 0)	11
14969	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 1, 3, 2, 4, 1, 1, 2, 1, 2, 0)	23
14971	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 3, 1, 1, 1, 2, 2, 4, 2, 1, 2, 1, 0)	23
14973	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 1, 3, 0)	23
14975	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 9, 2, 1, 1, 2, 3, 1, 4, 1, 1, 1, 4, 1, 2, 1, 1, 1, 1, 1, 1, 0)	59
14977	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 4, 1, 2, 3, 2, 1, 1, 1, 4, 1, 1, 5, 1, 1, 1, 1, 3, 1, 2, 1, 1, 1, 3, 2, 1, 1, 1, 2, 2, 2, 0)	76
14979	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 5, 4, 1, 0)	30
14981	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 1, 2, 1, 1, 1, 2, 1, 4, 1, 2, 1, 2, 4, 0)	59
14983	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 1, 2, 1, 1, 1, 2, 1, 2, 4, 4, 2, 1, 1, 0)	59
14985	(8, 2, 5, 1, 1, 2, 1, 4, 2, 1, 2, 2, 5, 1, 1, 2, 1, 1, 2, 0)	20
14987	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 1, 2, 1, 1, 1, 2, 1, 4, 3, 1, 3, 2, 1, 0)	59
14989	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 5, 1, 1, 1, 5, 3, 0)	30

14991	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 3, 1, 3, 6, 1, 1, 1, 4, 1, 1, 1, 0)	23
14993	(8, 2, 5, 1, 1, 2, 3, 3, 3, 1, 1, 2, 1, 1, 2, 1, 2, 3, 2, 0)	20
14995	(8, 2, 5, 1, 1, 2, 3, 3, 3, 1, 1, 2, 1, 1, 2, 3, 1, 3, 1, 0)	20
14997	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 2, 2, 1, 1, 1, 1, 1, 6, 0)	64
14999	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 5, 1, 1, 7, 1, 1, 0)	30
15001	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 1, 2, 1, 1, 3, 1, 3, 2, 1, 2, 3, 1, 2, 0)	59
15003	(4, 3, 2, 5, 4, 1, 2, 3, 1, 3, 3, 1, 2, 2, 5, 2, 1, 2, 1, 1, 2, 1, 1, 2, 1, 1, 1, 2, 1, 0)	30
15005	(8, 2, 3, 6, 2, 1, 2, 2, 1, 2, 1, 1, 3, 1, 2, 1, 2, 1, 3, 0)	20
15007	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 1, 2, 1, 1, 3, 7, 1, 1, 2, 1, 1, 1, 1, 0)	59
15009	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 3, 5, 1, 3, 1, 1, 1, 1, 2, 5, 2, 2, 2, 1, 1, 2, 1, 1, 1, 1, 1, 2, 1, 2, 1, 2, 2, 0)	40
15011	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 4, 1, 1, 1, 1, 1, 5, 1, 0)	64
15013	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 3, 1, 1, 5, 2, 1, 1, 1, 1, 1, 1, 1, 4, 0)	59
15015	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 8, 4, 1, 1, 4, 1, 1, 1, 2, 2, 1, 1, 2, 1, 2, 1, 2, 1, 1, 0)	35
15017	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 7, 2, 1, 4, 1, 1, 1, 3, 5, 1, 1, 1, 3, 1, 1, 1, 2, 1, 2, 2, 2, 1, 1, 1, 1, 1, 1, 1, 1, 2, 0)	76
15019	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 9, 1, 2, 2, 2, 2, 2, 1, 0)	47
15021	(10, 1, 1, 4, 2, 3, 1, 1, 1, 2, 2, 3, 1, 1, 2, 2, 2, 2, 3, 0)	20
15023	(10, 1, 1, 4, 2, 3, 1, 1, 1, 2, 2, 1, 2, 5, 3, 2, 1, 1, 1, 0)	20
15025	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 1, 4, 2, 2, 4, 2, 0)	30
15027	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 1, 4, 2, 4, 3, 1, 0)	30
15029	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 3, 1, 2, 2, 2, 5, 0)	30
15031	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 4, 3, 2, 2, 1, 1, 1, 5, 1, 1, 3, 3, 2, 2, 1, 1, 2, 1, 2, 1, 1, 2, 2, 1, 1, 2, 1, 1, 3, 2, 1, 3, 1, 1, 0)	76
15033	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 1, 6, 3, 2, 1, 2, 0)	30
15035	(10, 1, 1, 4, 2, 3, 1, 1, 1, 4, 1, 3, 2, 2, 1, 3, 1, 2, 1, 0)	20
15037	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 5, 2, 3, 2, 1, 1, 3, 0)	30

15039	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 6, 2, 2, 5, 1, 1, 3, 1, 2, 4, 4, 1, 1, 1, 1, 1, 1, 2, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 2, 1, 2, 3, 4, 1, 1, 1, 1, 1, 1, 1, 3, 1, 1, 1, 1, 2, 3, 1, 2, 2, 1, 1, 1, 1, 1, 0)	100
15041	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 3, 1, 4, 3, 2, 2, 0)	30
15043	(4, 5, 7, 1, 2, 1, 4, 2, 1, 1, 4, 1, 0)	13
15045	(4, 3, 2, 1, 1, 6, 3, 2, 4, 4, 0)	11
15047	(4, 5, 7, 1, 2, 3, 1, 4, 2, 2, 1, 1, 0)	13
15049	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 3, 3, 5, 1, 1, 2, 0)	30
15051	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 4, 2, 3, 2, 4, 1, 2, 1, 1, 1, 2, 2, 1, 6, 3, 1, 1, 1, 1, 1, 1, 1, 2, 1, 1, 1, 2, 1, 1, 4, 2, 1, 0)	76
15053	(4, 3, 2, 1, 1, 6, 3, 4, 3, 3, 0)	11
15055	(4, 5, 1, 5, 2, 3, 3, 5, 1, 2, 1, 3, 3, 2, 2, 1, 2, 1, 1, 1, 1, 2, 1, 2, 3, 1, 1, 1, 1, 2, 2, 2, 2, 1, 1, 3, 1, 1, 2, 1, 2, 1, 2, 2, 1, 2, 1, 1, 1, 3, 1, 1, 1, 0)	54
15057	(10, 1, 3, 3, 1, 2, 1, 4, 1, 1, 2, 1, 2, 1, 3, 2, 1, 3, 2, 0)	20
15059	(10, 1, 3, 3, 1, 2, 1, 4, 1, 1, 2, 1, 2, 1, 5, 1, 1, 3, 1, 0)	20
15061	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 7, 0)	47
15063	(10, 1, 3, 3, 1, 2, 1, 4, 1, 1, 2, 3, 1, 1, 3, 1, 4, 1, 1, 0)	20
15065	(4, 3, 2, 1, 1, 6, 5, 5, 1, 2, 0)	11
15067	(4, 3, 2, 1, 1, 4, 2, 2, 3, 1, 4, 2, 4, 4, 1, 1, 2, 1, 1, 1, 1, 4, 1, 2, 2, 2, 1, 3, 1, 3, 1, 1, 1, 1, 3, 1, 1, 2, 1, 0)	40
15069	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 3, 1, 3, 0)	30
15071	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 5, 4, 3, 1, 1, 1, 1, 0)	30
15073	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 6, 4, 2, 1, 1, 1, 1, 2, 2, 0)	30
15075	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 8, 1, 0)	47
15077	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 3, 1, 1, 1, 1, 1, 1, 2, 3, 2, 1, 4, 0)	40
15079	(4, 3, 2, 1, 3, 3, 3, 6, 1, 1, 1, 1, 1, 1, 3, 2, 1, 4, 2, 3, 6, 1, 2, 1, 1, 1, 1, 1, 2, 1, 1, 2, 1, 1, 0)	35
15081	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 7, 1, 2, 2, 1, 1, 1, 2, 0)	30
15083	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 5, 3, 1, 2, 3, 1, 3, 1, 1, 2, 2, 1, 0)	30
15085	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 3, 1, 1, 1, 1, 1, 3, 1, 3, 1, 2, 3, 0)	40
15087	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 5, 3, 2, 3, 2, 2, 1, 3, 1, 1, 4, 1, 1, 2, 1, 1, 2, 1, 5, 1, 2, 1, 2, 2, 1, 2, 2, 2, 1, 1, 1, 2, 1, 1, 1, 0)	76
15089	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 4, 5, 2, 0)	47

15091	(4, 3, 2, 1, 3, 1, 4, 3, 7, 1, 2, 2, 1, 2, 3, 1, 1, 1, 1, 2, 3, 1, 0)	23
15093	(4, 3, 2, 1, 1, 10, 2, 1, 1, 5, 0)	11
15095	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 1, 2, 1, 5, 3, 1, 2, 1, 1, 1, 1, 1, 1, 3, 2, 2, 3, 1, 1, 0)	40
15097	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 1, 2, 1, 5, 3, 3, 1, 1, 1, 1, 1, 1, 1, 1, 4, 1, 2, 1, 2, 0)	40
15099	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 1, 2, 1, 3, 4, 2, 3, 1, 2, 1, 2, 1, 2, 1, 1, 2, 1, 2, 1, 0)	40
15101	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 6, 2, 2, 2, 2, 2, 1, 1, 1, 1, 3, 0)	30
15103	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 1, 6, 3, 1, 3, 1, 1, 1, 1, 2, 4, 3, 2, 1, 1, 1, 1, 1, 1, 1, 0)	40
15105	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 5, 2, 2, 2, 1, 4, 2, 2, 2, 0)	47
15107	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 5, 2, 2, 2, 3, 1, 2, 4, 1, 0)	47
15109	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 3, 3, 2, 4, 0)	47
15111	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 2, 2, 1, 5, 1, 2, 1, 2, 3, 2, 1, 2, 2, 2, 3, 1, 1, 2, 1, 1, 1, 1, 1, 3, 2, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 2, 1, 2, 2, 1, 2, 3, 1, 2, 3, 2, 1, 1, 2, 1, 3, 2, 1, 1, 0)	76
15113	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 1, 5, 1, 2, 1, 2, 1, 1, 1, 4, 3, 2, 1, 2, 2, 1, 1, 2, 0)	30
15115	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 1, 5, 1, 2, 1, 2, 1, 1, 3, 3, 2, 1, 1, 1, 2, 3, 2, 1, 0)	30
15117	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 4, 3, 0)	28
15119	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 9, 1, 1, 1, 0)	47
15121	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 3, 3, 2, 0)	28
15123	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 2, 6, 1, 2, 1, 3, 1, 0)	28
15125	(4, 3, 2, 1, 3, 1, 2, 4, 4, 6, 0)	11
15127	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 3, 1, 1, 5, 1, 1, 0)	28
15129	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 4, 1, 1, 3, 1, 1, 1, 1, 5, 5, 1, 2, 1, 4, 1, 3, 1, 2, 1, 1, 1, 2, 2, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 4, 1, 1, 1, 2, 2, 3, 2, 1, 1, 1, 1, 2, 1, 1, 1, 3, 1, 2, 0)	76
15131	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 3, 2, 2, 6, 1, 3, 2, 1, 2, 3, 1, 1, 1, 1, 1, 3, 1, 1, 1, 2, 3, 1, 1, 7, 1, 1, 1, 1, 2, 1, 3, 1, 1, 1, 1, 2, 2, 1, 2, 1, 4, 1, 1, 2, 1, 1, 1, 2, 2, 2, 2, 3, 2, 1, 1, 1, 1, 2, 1, 2, 1, 1, 1, 1, 1, 1, 2, 1, 0)	81
15133	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 5, 2, 2, 1, 3, 0)	47
15135	(4, 3, 2, 1, 3, 3, 5, 1, 4, 2, 2, 2, 2, 4, 1, 3, 1, 1, 2, 1, 1, 3, 1, 2, 2, 1, 1, 1, 3, 2, 1, 1, 1, 1, 0)	35
15137	(4, 9, 4, 2, 1, 1, 2, 1, 4, 1, 2, 2, 0)	13
15139	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 4, 1, 1, 3, 2, 5, 1, 0)	47
15141	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 4, 1, 1, 5, 1, 1, 4, 0)	47
15143	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 2, 5, 1, 4, 1, 6, 2, 1, 2, 2, 1, 2, 2, 1, 1, 1, 1, 2, 1, 1, 1, 2, 1, 2, 1, 2, 1, 1, 4, 1, 2, 1, 1, 3, 1, 2, 1, 1, 0)	52

15145	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 5, 3, 2, 1, 1, 2, 3, 1, 1, 1, 1, 1, 5, 2, 2, 1, 1, 1, 1, 4, 1, 1, 1, 1, 2, 0)	59
15147	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 3, 3, 2, 1, 2, 3, 2, 2, 1, 0)	28
15149	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 3, 1, 3, 2, 1, 1, 1, 1, 4, 2, 3, 0)	28
15151	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 3, 5, 1, 3, 2, 2, 1, 1, 1, 0)	28
15153	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 3, 1, 3, 2, 1, 1, 1, 3, 1, 4, 2, 0)	28
15155	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 3, 1, 3, 2, 1, 1, 1, 3, 3, 3, 1, 0)	28
15157	(4, 3, 2, 1, 3, 1, 2, 6, 3, 5, 0)	11
15159	(4, 3, 2, 1, 7, 4, 1, 1, 2, 3, 4, 2, 2, 4, 1, 2, 1, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 1, 1, 3, 2, 1, 3, 1, 2, 1, 1, 1, 1, 2, 3, 1, 1, 3, 1, 1, 0)	47
15161	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 6, 2, 2, 1, 2, 1, 2, 2, 1, 2, 0)	28
15163	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 3, 1, 5, 1, 1, 1, 1, 5, 1, 2, 1, 0)	28
15165	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 2, 2, 1, 4, 5, 1, 1, 2, 2, 1, 1, 1, 1, 1, 3, 1, 1, 3, 0)	64
15167	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 3, 2, 2, 6, 1, 3, 2, 1, 2, 3, 1, 1, 1, 1, 1, 0)	28
15169	(4, 3, 2, 1, 3, 1, 2, 10, 2, 2, 0)	11
15171	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 5, 3, 2, 2, 2, 1, 4, 1, 0)	47
15173	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 4, 0)	23
15175	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 3, 1, 1, 3, 2, 1, 1, 4, 2, 1, 1, 2, 1, 3, 1, 2, 2, 1, 2, 1, 3, 2, 1, 1, 2, 2, 1, 1, 0)	76
15177	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 4, 1, 2, 3, 2, 1, 1, 1, 2, 2, 1, 1, 2, 4, 3, 1, 1, 2, 0)	64
15179	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 5, 2, 1, 0)	23
15181	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 4, 1, 1, 3, 3, 0)	23
15183	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 4, 1, 2, 3, 2, 1, 1, 1, 2, 2, 1, 3, 3, 2, 3, 1, 1, 1, 0)	64
15185	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 4, 1, 2, 3, 2, 1, 1, 1, 4, 1, 1, 3, 2, 1, 1, 1, 3, 2, 0)	64
15187	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 4, 1, 2, 3, 2, 1, 1, 1, 4, 1, 1, 5, 1, 1, 1, 1, 3, 1, 0)	64
15189	(4, 3, 2, 1, 3, 1, 4, 1, 2, 9, 0)	11
15191	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 5, 4, 2, 2, 1, 1, 2, 4, 1, 1, 0)	47

15193	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 4, 1, 2, 4, 4, 1, 2, 0)	23
15195	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 7, 1, 2, 4, 2, 2, 1, 1, 2, 1, 0)	47
15197	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 4, 1, 4, 1, 4, 1, 3, 0)	23
15199	(4, 3, 2, 5, 4, 1, 2, 1, 2, 5, 1, 1, 6, 1, 1, 1, 1, 0)	18
15201	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 4, 3, 4, 1, 4, 1, 1, 1, 1, 2, 1, 1, 2, 2, 0)	28
15203	(8, 2, 3, 2, 3, 6, 1, 0)	8
15205	(8, 2, 3, 2, 5, 1, 4, 0)	8
15207	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 8, 2, 1, 1, 3, 4, 1, 1, 1, 1, 1, 2, 1, 1, 0)	28
15209	(4, 3, 2, 5, 4, 1, 2, 3, 1, 3, 3, 1, 4, 1, 1, 1, 2, 0)	18
15211	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 4, 3, 5, 1, 2, 2, 1, 0)	23
15213	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 3, 5, 1, 3, 1, 1, 1, 1, 2, 1, 3, 1, 1, 2, 3, 0)	28
15215	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 1, 4, 2, 1, 3, 1, 2, 1, 1, 2, 1, 4, 4, 1, 1, 1, 2, 1, 2, 2, 3, 1, 2, 1, 1, 1, 0)	40
15217	(8, 2, 5, 1, 1, 6, 2, 0)	8
15219	(8, 2, 3, 6, 2, 3, 1, 0)	8
15221	(8, 2, 5, 1, 3, 1, 5, 0)	8
15223	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 5, 2, 1, 3, 2, 3, 3, 1, 1, 0)	47
15225	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 9, 1, 1, 2, 2, 1, 1, 2, 2, 1, 1, 1, 2, 1, 2, 0)	28
15227	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 0)	52
15229	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 3, 1, 1, 1, 3, 0)	47
15231	(4, 3, 2, 5, 4, 9, 1, 2, 1, 1, 3, 1, 1, 1, 1, 1, 1, 0)	18
15233	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 5, 2, 2, 1, 2, 4, 1, 1, 1, 1, 1, 2, 1, 2, 2, 2, 0)	28
15235	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 2, 2, 1, 1, 2, 1, 2, 3, 1, 2, 2, 1, 1, 3, 4, 1, 0)	64
15237	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 2, 2, 1, 1, 2, 1, 2, 3, 1, 4, 1, 1, 1, 1, 2, 4, 0)	64
15239	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 2, 2, 1, 1, 2, 1, 2, 3, 1, 2, 2, 1, 5, 2, 1, 1, 0)	64
15241	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 4, 3, 2, 2, 1, 1, 1, 5, 1, 1, 3, 3, 2, 2, 1, 1, 2, 1, 2, 1, 1, 2, 0)	64
15243	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 7, 1, 4, 2, 1, 1, 1, 1, 3, 2, 1, 0)	47

15245	(4, 3, 2, 1, 3, 1, 4, 1, 8, 3, 0)	11
15247	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 3, 3, 4, 2, 4, 1, 1, 1, 0)	23
15249	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 1, 2, 1, 1, 2, 3, 2, 2, 3, 2, 0)	28
15251	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 1, 2, 1, 1, 2, 3, 4, 1, 3, 1, 0)	28
15253	(10, 1, 1, 4, 2, 1, 6, 0)	8
15255	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 1, 2, 1, 3, 1, 1, 2, 6, 1, 1, 0)	28
15257	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 1, 2, 1, 3, 1, 1, 4, 3, 1, 2, 0)	28
15259	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 1, 2, 1, 1, 8, 1, 1, 1, 2, 1, 0)	28
15261	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 4, 2, 3, 2, 4, 1, 2, 1, 1, 1, 2, 2, 3, 1, 2, 1, 1, 2, 1, 3, 0)	64
15263	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 4, 2, 3, 2, 4, 1, 2, 1, 1, 1, 2, 2, 1, 6, 1, 2, 1, 1, 1, 1, 0)	64
15265	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 7, 1, 2, 1, 1, 3, 2, 1, 2, 2, 0)	47
15267	(10, 1, 1, 6, 1, 5, 1, 0)	8
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15271	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 1, 2, 5, 2, 2, 2, 1, 2, 1, 1, 0)	28
15273	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 3, 1, 1, 2, 1, 2, 2, 2, 1, 4, 1, 2, 1, 1, 2, 3, 2, 1, 1, 1, 1, 4, 1, 3, 1, 3, 2, 1, 1, 1, 1, 1, 2, 0)	52
15275	(4, 3, 2, 1, 1, 4, 2, 2, 3, 1, 4, 2, 4, 4, 1, 1, 2, 1, 1, 1, 1, 4, 1, 2, 2, 2, 1, 0)	28
15277	(8, 8, 1, 1, 2, 2, 3, 0)	8
15279	(8, 6, 6, 2, 1, 1, 1, 0)	8
15281	(10, 1, 3, 1, 4, 4, 2, 0)	8
15283	(10, 1, 3, 1, 6, 3, 1, 0)	8
15285	(10, 1, 3, 3, 1, 2, 5, 0)	8
15287	(4, 3, 2, 1, 3, 3, 3, 6, 1, 1, 1, 1, 1, 1, 3, 2, 1, 6, 1, 3, 1, 1, 0)	23
15289	(4, 3, 2, 1, 3, 3, 3, 6, 1, 1, 1, 1, 1, 1, 3, 2, 3, 1, 4, 2, 1, 2, 0)	23
15291	(4, 3, 2, 1, 3, 3, 3, 6, 1, 1, 1, 1, 1, 1, 3, 2, 3, 3, 3, 1, 2, 1, 0)	23
15293	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 5, 3, 2, 3, 2, 2, 1, 3, 1, 1, 4, 1, 1, 2, 1, 3, 1, 1, 1, 2, 1, 1, 3, 0)	64
15295	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 4, 1, 3, 1, 2, 1, 2, 7, 2, 1, 2, 1, 1, 1, 1, 1, 0)	28
15297	(4, 3, 2, 1, 1, 4, 4, 5, 2, 1, 2, 3, 2, 1, 2, 1, 3, 2, 3, 1, 2, 2, 1, 1, 1, 2, 1, 1, 1, 2, 2, 1, 1, 1, 2, 1, 3, 2, 2, 0)	40

15299	(4, 3, 2, 1, 1, 4, 4, 5, 2, 1, 2, 3, 2, 1, 2, 1, 3, 2, 3, 1, 2, 2, 1, 1, 1, 2, 1, 1, 1, 2, 2, 1, 1, 3, 1, 1, 1, 4, 1, 0)	40
15301	(4, 3, 2, 1, 3, 1, 4, 3, 5, 4, 0)	11
15303	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 4, 1, 3, 3, 5, 2, 1, 1, 1, 1, 1, 2, 2, 2, 1, 1, 0)	28
15305	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 3, 1, 6, 1, 1, 1, 1, 2, 1, 2, 3, 1, 1, 2, 2, 1, 4, 1, 1, 2, 0)	64
15307	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 1, 2, 1, 3, 4, 2, 1, 0)	28
15309	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 3, 0)	28
15311	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 1, 6, 3, 1, 3, 1, 1, 1, 0)	28
15313	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 3, 1, 3, 2, 0)	28
15315	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 3, 3, 2, 2, 1, 2, 1, 2, 1, 4, 2, 1, 2, 1, 1, 3, 1, 0)	28
15317	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 7, 0)	18
15319	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 3, 3, 1, 4, 2, 4, 1, 1, 2, 1, 1, 3, 1, 1, 1, 1, 1, 4, 1, 1, 0)	64
15321	(4, 3, 2, 1, 3, 1, 4, 9, 1, 2, 0)	11
15323	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 1, 1, 1, 1, 4, 2, 1, 1, 1, 3, 1, 1, 1, 2, 1, 1, 4, 1, 2, 1, 2, 3, 1, 1, 1, 2, 4, 1, 1, 2, 1, 0)	52
15325	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 2, 2, 1, 5, 1, 2, 1, 2, 3, 2, 1, 2, 2, 2, 3, 1, 1, 2, 1, 1, 1, 1, 1, 3, 2, 1, 1, 1, 1, 1, 1, 1, 1, 1, 2, 1, 2, 2, 3, 1, 3, 0)	64
15327	(4, 3, 6, 4, 4, 3, 1, 1, 3, 1, 1, 1, 2, 5, 1, 1, 2, 1, 1, 1, 2, 2, 2, 1, 3, 1, 1, 1, 1, 0)	30
15329	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 4, 1, 1, 1, 1, 1, 1, 1, 1, 3, 4, 2, 1, 1, 1, 2, 2, 0)	28
15331	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 7, 1, 0)	18
15333	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 1, 5, 1, 2, 1, 4, 0)	18
15335	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 2, 2, 1, 5, 1, 2, 1, 2, 3, 2, 1, 2, 2, 2, 3, 1, 1, 2, 1, 1, 1, 1, 1, 3, 2, 1, 1, 1, 1, 1, 1, 1, 1, 3, 1, 5, 1, 1, 2, 1, 1, 0)	64
15337	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 5, 3, 2, 2, 2, 3, 3, 2, 1, 2, 1, 1, 1, 1, 1, 1, 2, 2, 1, 2, 1, 4, 1, 4, 3, 1, 2, 1, 1, 1, 2, 3, 1, 1, 1, 4, 1, 1, 2, 1, 1, 1, 1, 1, 2, 1, 1, 1, 2, 0)	88
15339	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 4, 1, 1, 3, 1, 1, 1, 1, 5, 5, 1, 2, 1, 4, 1, 3, 1, 2, 1, 1, 1, 2, 2, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 4, 1, 1, 1, 2, 2, 1, 0)	64
15341	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 3, 2, 2, 2, 2, 2, 3, 1, 1, 2, 1, 2, 3, 0)	47
15343	(4, 3, 2, 1, 3, 3, 5, 1, 4, 2, 2, 2, 2, 4, 1, 3, 1, 1, 2, 1, 1, 1, 0)	23
15345	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 5, 2, 0)	18

15347	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 5, 2, 1, 2, 3, 1, 0)	18
15349	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 5, 3, 2, 1, 1, 2, 1, 2, 1, 1, 1, 1, 5, 0)	47
15351	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 1, 2, 2, 2, 4, 1, 2, 3, 1, 2, 3, 1, 1, 0)	64
15353	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 2, 5, 1, 4, 1, 6, 2, 1, 2, 2, 1, 2, 2, 1, 1, 1, 1, 2, 1, 1, 1, 2, 1, 2, 1, 2, 0)	40
15355	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 3, 4, 5, 1, 1, 1, 2, 2, 1, 2, 1, 2, 1, 0)	47
15357	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 2, 5, 3, 3, 6, 1, 1, 2, 1, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 1, 1, 1, 1, 1, 1, 3, 0)	40
15359	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 1, 2, 1, 1, 1, 2, 1, 4, 1, 2, 3, 5, 1, 1, 1, 1, 1, 2, 1, 1, 2, 1, 4, 4, 2, 1, 1, 3, 1, 2, 3, 1, 2, 1, 1, 1, 1, 1, 1, 1, 1, 1, 0)	88
15361	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 1, 4, 3, 2, 1, 1, 1, 1, 3, 2, 2, 2, 2, 0)	64
15363	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 1, 4, 5, 1, 1, 1, 1, 1, 1, 2, 2, 4, 1, 0)	64
15365	(4, 3, 2, 1, 3, 1, 8, 2, 2, 4, 0)	11
15367	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 1, 4, 5, 1, 1, 1, 1, 1, 1, 3, 3, 2, 1, 1, 0)	64
15369	(4, 3, 2, 1, 7, 4, 1, 1, 2, 3, 4, 2, 2, 4, 1, 2, 1, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 1, 1, 3, 2, 1, 1, 2, 0)	35
15371	(4, 3, 2, 1, 3, 1, 10, 3, 2, 1, 0)	11
15373	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 2, 2, 1, 2, 4, 3, 0)	52
15375	(4, 5, 1, 1, 5, 1, 2, 2, 2, 4, 2, 2, 2, 5, 1, 1, 1, 0)	18
15377	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 2, 2, 1, 4, 3, 2, 0)	52
15379	(4, 5, 1, 1, 5, 1, 2, 2, 4, 1, 2, 2, 4, 2, 1, 3, 1, 0)	18
15381	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 3, 2, 6, 0)	16
15383	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 2, 2, 3, 5, 1, 1, 0)	52
15385	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 3, 1, 1, 3, 2, 1, 1, 4, 2, 1, 1, 2, 1, 3, 1, 2, 0)	64
15387	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 1, 3, 9, 1, 1, 1, 1, 1, 2, 1, 1, 1, 3, 1, 1, 4, 1, 2, 1, 1, 1, 1, 2, 1, 0)	40
15389	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 4, 1, 3, 2, 1, 3, 0)	52

15391	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 4, 5, 3, 1, 3, 1, 1, 2, 1, 4, 3, 1, 1, 3, 1, 1, 2, 2, 1, 1, 1, 1, 0)	64
15393	(4, 5, 1, 1, 3, 6, 3, 2, 1, 3, 2, 1, 1, 3, 1, 2, 2, 0)	18
15395	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 5, 5, 1, 0)	16
15397	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 6, 2, 2, 1, 3, 1, 2, 2, 1, 1, 2, 2, 1, 1, 4, 0)	47
15399	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 5, 3, 4, 1, 2, 1, 1, 0)	52
15401	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 9, 2, 1, 1, 1, 1, 2, 0)	52
15403	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 2, 4, 4, 2, 2, 1, 0)	52
15405	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 4, 1, 2, 3, 2, 3, 0)	52
15407	(4, 5, 1, 1, 5, 1, 2, 4, 5, 1, 4, 1, 2, 2, 1, 1, 1, 0)	18
15409	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 4, 3, 1, 1, 4, 2, 0)	52
15411	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 4, 3, 1, 3, 3, 1, 0)	52
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15415	(4, 3, 2, 1, 3, 7, 2, 1, 4, 1, 4, 3, 1, 1, 1, 3, 1, 1, 1, 3, 1, 1, 0)	23
15417	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 6, 2, 1, 3, 2, 2, 1, 2, 0)	52
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15421	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 7, 1, 1, 3, 0)	16
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15425	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 1, 4, 2, 1, 3, 1, 2, 1, 1, 2, 1, 4, 2, 2, 0)	28
15427	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 1, 4, 2, 1, 3, 1, 2, 1, 1, 2, 3, 1, 4, 1, 0)	28
15429	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 3, 3, 4, 0)	16
15431	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 7, 2, 1, 2, 2, 1, 1, 0)	52
15433	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 1, 4, 2, 1, 1, 6, 1, 2, 1, 1, 3, 1, 1, 2, 0)	28

15435	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 7, 2, 1, 0)	16
15437	(4, 5, 1, 1, 5, 3, 3, 2, 1, 1, 3, 2, 1, 2, 1, 3, 3, 0)	18
15439	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 8, 3, 1, 1, 1, 0)	16
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15443	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 3, 1, 0)	40
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15449	(4, 5, 1, 1, 5, 3, 5, 1, 1, 1, 3, 1, 2, 1, 4, 1, 2, 0)	18
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15465	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 3, 3, 4, 1, 2, 1, 2, 4, 2, 1, 1, 1, 1, 1, 2, 1, 1, 1, 1, 1, 2, 1, 3, 1, 2, 4, 1, 2, 3, 1, 1, 1, 2, 0)	76
15467	(4, 3, 2, 1, 1, 4, 4, 1, 3, 6, 1, 2, 1, 2, 2, 1, 4, 2, 1, 1, 2, 1, 2, 1, 2, 2, 1, 0)	28
15469	(4, 3, 2, 1, 1, 4, 4, 1, 5, 3, 1, 1, 1, 5, 1, 2, 1, 5, 1, 1, 1, 1, 1, 1, 1, 2, 3, 0)	28
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15473	(4, 3, 2, 11, 2, 0)	6
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15477	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 2, 2, 1, 5, 0)	52
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15481	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 8, 2, 1, 3, 2, 1, 1, 2, 1, 2, 0)	52
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15487	(4, 5, 1, 1, 9, 4, 1, 5, 1, 2, 2, 1, 1, 1, 1, 1, 1, 0)	18
15489	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 4, 6, 2, 1, 1, 2, 2, 2, 0)	52
15491	(4, 3, 2, 1, 1, 4, 2, 2, 3, 1, 4, 2, 4, 4, 1, 0)	16
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15497	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 1, 5, 1, 2, 1, 2, 1, 1, 3, 3, 2, 1, 1, 3, 1, 1, 6, 3, 1, 2, 1, 2, 4, 2, 1, 1, 1, 1, 2, 1, 2, 1, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 2, 0)	59
15499	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 4, 1, 1, 1, 4, 2, 2, 1, 1, 3, 2, 1, 3, 2, 1, 0)	64
15501	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 5, 3, 0)	16
15503	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 4, 1, 1, 1, 4, 4, 1, 1, 1, 3, 1, 4, 1, 1, 1, 0)	64
15505	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 5, 3, 2, 3, 2, 2, 1, 1, 2, 3, 2, 0)	52
15507	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 5, 3, 2, 3, 2, 2, 1, 3, 1, 3, 1, 0)	52
15509	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 4, 1, 1, 6, 0)	16
15511	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 8, 1, 1, 0)	16
15513	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 1, 4, 2, 3, 2, 3, 1, 2, 0)	52
15515	(4, 3, 2, 1, 1, 4, 4, 5, 2, 1, 2, 3, 2, 1, 2, 1, 3, 2, 3, 1, 2, 2, 1, 1, 1, 2, 1, 0)	28
15517	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 1, 6, 1, 3, 1, 2, 1, 3, 0)	52
15519	(4, 9, 4, 2, 1, 1, 2, 1, 2, 6, 3, 4, 2, 1, 1, 2, 1, 1, 1, 1, 1, 1, 5, 3, 1, 1, 1, 1, 1, 1, 1, 2, 2, 1, 1, 1, 2, 1, 1, 1, 1, 0)	42
15521	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 3, 1, 7, 1, 1, 1, 1, 1, 2, 3, 4, 1, 1, 1, 1, 2, 1, 2, 2, 0)	47

15523	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 3, 1, 4, 2, 1, 1, 5, 1, 0)	52
15525	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 3, 1, 6, 1, 1, 1, 1, 4, 0)	52
15527	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 3, 3, 4, 1, 1, 1, 2, 2, 2, 1, 1, 1, 4, 1, 2, 3, 1, 1, 1, 3, 1, 2, 1, 1, 2, 1, 2, 1, 1, 0)	40
15529	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 9, 2, 3, 4, 1, 1, 1, 1, 1, 1, 2, 0)	52
15531	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 3, 3, 1, 4, 2, 2, 2, 1, 0)	52
15533	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 3, 3, 2, 2, 3, 0)	16
15535	(4, 3, 2, 1, 3, 1, 2, 6, 3, 5, 4, 1, 1, 1, 1, 4, 1, 1, 1, 2, 1, 1, 1, 2, 3, 2, 1, 1, 3, 1, 1, 1, 2, 1, 3, 2, 1, 1, 1, 0)	40
15537	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 1, 1, 1, 1, 4, 2, 1, 1, 1, 3, 1, 1, 1, 2, 1, 1, 2, 4, 2, 0)	40
15539	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 1, 1, 1, 1, 4, 2, 1, 1, 1, 3, 1, 1, 1, 2, 1, 1, 4, 3, 1, 0)	40
15541	(4, 3, 2, 1, 3, 3, 3, 4, 2, 5, 0)	11
15543	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 1, 1, 1, 1, 4, 2, 1, 1, 1, 1, 2, 1, 5, 1, 2, 1, 3, 1, 1, 0)	40
15545	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 1, 1, 1, 1, 4, 2, 1, 1, 1, 3, 1, 1, 3, 1, 1, 3, 2, 1, 2, 0)	40
15547	(4, 3, 8, 1, 4, 1, 5, 2, 1, 2, 1, 1, 1, 3, 1, 2, 1, 0)	18
15549	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 3, 0)	16
15551	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 2, 2, 1, 5, 1, 2, 1, 2, 3, 2, 1, 2, 2, 2, 3, 1, 1, 2, 1, 1, 1, 1, 1, 3, 2, 1, 1, 1, 1, 1, 0)	52
15553	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 1, 2, 5, 1, 1, 1, 2, 1, 3, 2, 3, 2, 2, 0)	28
15555	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 1, 2, 5, 1, 1, 1, 2, 1, 5, 1, 1, 4, 1, 0)	28
15557	(4, 3, 2, 1, 3, 3, 5, 1, 4, 4, 0)	11
15559	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 1, 2, 3, 2, 1, 5, 1, 2, 3, 2, 2, 1, 1, 0)	28
15561	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 1, 2, 5, 1, 1, 3, 1, 1, 1, 6, 1, 1, 2, 0)	28
15563	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 1, 2, 5, 1, 1, 3, 1, 1, 3, 1, 4, 2, 1, 0)	28
15565	(4, 3, 2, 1, 3, 3, 5, 3, 3, 3, 0)	11
15567	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 1, 2, 3, 2, 5, 2, 3, 1, 1, 3, 1, 1, 1, 0)	28
15569	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 2, 2, 1, 1, 1, 1, 1, 2, 4, 1, 2, 2, 1, 3, 2, 3, 1, 1, 1, 1, 1, 2, 1, 3, 2, 0)	81

15571	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 2, 2, 1, 1, 1, 1, 1, 2, 4, 1, 2, 2, 1, 3, 2, 3, 1, 1, 1, 1, 3, 1, 1, 3, 1, 0)	81
15573	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 7, 0)	35
15575	(4, 3, 2, 1, 7, 2, 2, 5, 1, 4, 1, 1, 1, 1, 1, 2, 2, 2, 1, 4, 1, 1, 0)	23
15577	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 1, 3, 1, 2, 2, 1, 2, 2, 1, 5, 1, 2, 0)	28
15579	(4, 3, 2, 1, 1, 4, 2, 2, 7, 4, 3, 1, 1, 2, 1, 0)	16
15581	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 1, 3, 1, 2, 2, 1, 4, 1, 1, 3, 1, 3, 0)	28
15583	(4, 3, 2, 1, 7, 4, 1, 3, 1, 3, 1, 1, 2, 2, 2, 3, 2, 3, 1, 1, 1, 1, 0)	23
15585	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 1, 1, 4, 2, 6, 1, 1, 1, 1, 1, 2, 2, 0)	28
15587	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 9, 1, 0)	35
15589	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 1, 2, 1, 5, 1, 2, 2, 1, 4, 0)	52
15591	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 1, 3, 1, 2, 6, 2, 2, 1, 1, 2, 1, 1, 0)	28
15593	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 6, 2, 1, 4, 2, 1, 1, 1, 4, 2, 1, 1, 1, 2, 0)	28
15595	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 4, 1, 1, 1, 1, 1, 3, 2, 1, 1, 5, 3, 2, 2, 1, 1, 1, 1, 1, 2, 1, 1, 2, 2, 1, 0)	81
15597	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 1, 2, 5, 1, 2, 3, 0)	52
15599	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 1, 3, 9, 1, 1, 1, 1, 1, 2, 1, 1, 1, 0)	28
15601	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 5, 2, 0)	52
15603	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 4, 5, 3, 1, 3, 1, 1, 2, 3, 1, 0)	52
15605	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 3, 1, 1, 5, 0)	52
15607	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 1, 6, 2, 3, 1, 1, 0)	52
15609	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 1, 2, 5, 2, 3, 1, 2, 1, 2, 0)	52
15611	(10, 1, 1, 4, 2, 3, 1, 1, 1, 2, 2, 1, 2, 5, 3, 2, 1, 1, 1, 3, 3, 1, 1, 2, 1, 1, 2, 2, 2, 1, 1, 1, 2, 1, 2, 1, 0)	37
15613	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 4, 3, 3, 1, 1, 1, 3, 1, 1, 2, 3, 3, 1, 1, 1, 1, 3, 0)	64

15615	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 9, 1, 4, 1, 1, 3, 1, 1, 1, 1, 1, 1, 1, 0)	28
15617	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 8, 2, 1, 2, 1, 1, 3, 2, 2, 2, 0)	52
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15621	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 6, 2, 4, 0)	35
15623	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 2, 2, 1, 1, 2, 1, 2, 3, 1, 4, 1, 1, 1, 3, 3, 4, 3, 1, 1, 1, 1, 1, 3, 1, 1, 2, 2, 1, 2, 2, 1, 2, 1, 2, 1, 1, 2, 1, 1, 1, 1, 3, 2, 1, 1, 0)	93
15625	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 5, 2, 2, 2, 1, 1, 2, 0)	52
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15629	(4, 3, 2, 1, 3, 7, 2, 1, 4, 3, 0)	11
15631	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 1, 3, 1, 1, 1, 1, 4, 3, 1, 1, 1, 1, 1, 2, 6, 1, 1, 1, 0)	47
15633	(4, 3, 2, 1, 3, 7, 2, 3, 3, 2, 0)	11
15635	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 1, 3, 1, 1, 1, 1, 2, 6, 1, 2, 1, 2, 1, 1, 2, 1, 3, 1, 0)	47
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15643	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 7, 3, 2, 1, 1, 1, 1, 1, 2, 1, 0)	52
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15649	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 3, 3, 2, 1, 2, 2, 1, 6, 1, 2, 2, 0)	52
15651	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 3, 3, 2, 1, 2, 2, 3, 1, 2, 5, 1, 0)	52
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15657	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 3, 1, 1, 1, 1, 2, 0)	28
15659	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 1, 3, 2, 2, 3, 2, 2, 2, 1, 1, 2, 1, 3, 2, 2, 1, 0)	28

15661	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 3, 5, 2, 3, 0)	35
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15667	(4, 5, 1, 5, 2, 3, 1, 2, 4, 2, 1, 1, 1, 2, 3, 3, 1, 0)	18
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15697	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 3, 3, 4, 1, 2, 1, 2, 4, 2, 1, 1, 1, 1, 3, 1, 1, 1, 1, 1, 3, 2, 0)	64
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15709	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 3, 1, 1, 2, 1, 2, 4, 1, 3, 0)	28

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15721	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 3, 1, 3, 1, 5, 1, 1, 1, 2, 0)	28
15723	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 1, 4, 1, 1, 2, 2, 3, 3, 1, 2, 1, 1, 3, 1, 2, 2, 1, 0)	28
15725	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 1, 2, 6, 2, 1, 1, 3, 1, 1, 1, 1, 2, 2, 1, 1, 2, 3, 0)	28
15727	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 1, 2, 6, 2, 1, 1, 1, 2, 1, 1, 3, 4, 1, 2, 1, 1, 1, 0)	28
15729	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 2, 6, 2, 0)	52
15731	(4, 3, 2, 1, 1, 4, 4, 5, 2, 1, 2, 3, 2, 3, 1, 0)	16
15733	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 4, 1, 5, 0)	52
15735	(4, 3, 2, 1, 1, 4, 4, 5, 2, 3, 1, 3, 3, 1, 1, 0)	16
15737	(4, 3, 2, 1, 3, 1, 2, 6, 1, 8, 1, 1, 1, 1, 4, 2, 1, 2, 1, 3, 1, 1, 1, 1, 2, 1, 2, 0)	28
15739	(4, 3, 2, 1, 1, 4, 4, 7, 1, 3, 2, 2, 1, 2, 1, 0)	16
15741	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 3, 1, 7, 1, 1, 1, 3, 0)	35
15743	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 5, 4, 1, 2, 4, 1, 1, 1, 1, 1, 1, 0)	28
15745	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 4, 1, 1, 1, 2, 1, 1, 1, 1, 2, 3, 1, 2, 3, 1, 2, 2, 2, 0)	40
15747	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 3, 3, 4, 1, 0)	52
15749	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 3, 2, 2, 6, 1, 3, 2, 1, 2, 3, 1, 1, 1, 1, 1, 3, 1, 1, 1, 2, 1, 2, 1, 1, 1, 2, 1, 2, 1, 1, 2, 4, 0)	45
15751	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 7, 2, 1, 1, 0)	52
15753	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 3, 7, 1, 2, 1, 1, 2, 0)	35
15755	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 3, 2, 2, 6, 1, 3, 2, 1, 2, 3, 1, 1, 1, 1, 1, 3, 1, 1, 1, 2, 1, 2, 1, 1, 1, 2, 3, 1, 1, 3, 2, 1, 0)	45
15757	(4, 3, 6, 6, 3, 0)	6
15759	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 5, 4, 1, 1, 1, 0)	52

15761	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 3, 1, 1, 1, 1, 3, 2, 3, 2, 0)	52
15763	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 3, 1, 1, 1, 1, 5, 1, 3, 1, 0)	52
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15769	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 1, 1, 1, 3, 3, 1, 2, 0)	28
15771	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 3, 1, 1, 1, 2, 2, 4, 2, 1, 2, 3, 1, 1, 1, 2, 1, 0)	28
15773	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 9, 2, 1, 1, 2, 3, 1, 4, 1, 1, 1, 4, 1, 2, 1, 1, 1, 1, 1, 1, 1, 1, 2, 1, 3, 0)	64
15775	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 3, 1, 1, 1, 4, 5, 1, 2, 1, 2, 1, 2, 1, 1, 1, 1, 0)	28
15777	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 5, 2, 2, 2, 2, 1, 2, 2, 0)	35
15779	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 5, 1, 1, 1, 3, 2, 2, 2, 1, 5, 1, 0)	35
15781	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 5, 1, 1, 1, 3, 2, 4, 1, 1, 1, 4, 0)	35
15783	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 1, 2, 1, 1, 1, 2, 1, 4, 1, 2, 1, 4, 3, 2, 1, 2, 1, 1, 0)	64
15785	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 1, 2, 1, 1, 1, 2, 1, 4, 1, 2, 3, 5, 1, 1, 1, 1, 1, 2, 0)	64
15787	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 1, 2, 1, 1, 1, 2, 1, 4, 3, 1, 3, 2, 1, 1, 2, 2, 2, 1, 0)	64
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15791	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 3, 1, 3, 6, 1, 1, 1, 2, 2, 1, 1, 4, 2, 1, 1, 1, 0)	28
15793	(4, 3, 2, 1, 7, 2, 2, 3, 4, 2, 0)	11
15795	(4, 3, 2, 1, 7, 2, 2, 5, 3, 1, 0)	11
15797	(4, 3, 2, 1, 7, 4, 1, 1, 2, 5, 0)	11
15799	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 5, 1, 1, 5, 2, 1, 3, 1, 3, 1, 1, 0)	35
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15803	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 2, 2, 1, 1, 1, 1, 3, 3, 2, 3, 1, 2, 1, 0)	69
15805	(8, 2, 3, 6, 2, 1, 2, 2, 1, 2, 1, 1, 3, 1, 2, 1, 2, 1, 3, 1, 2, 1, 1, 3, 0)	25

15807	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 1, 2, 1, 1, 3, 1, 5, 5, 2, 1, 1, 1, 2, 1, 1, 1, 1, 1, 0)	64
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15811	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 4, 1, 1, 1, 1, 1, 5, 1, 1, 1, 1, 4, 1, 0)	69
15813	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 6, 4, 0)	16
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15817	(4, 3, 2, 1, 9, 3, 4, 1, 1, 2, 0)	11
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15821	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 2, 4, 2, 3, 3, 0)	52
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15831	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 3, 1, 2, 2, 2, 5, 1, 1, 4, 1, 1, 0)	35
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15837	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 4, 3, 3, 1, 3, 0)	52
15839	(10, 1, 1, 4, 2, 3, 1, 1, 1, 4, 1, 3, 2, 2, 1, 3, 3, 1, 1, 3, 1, 1, 1, 1, 0)	25
15841	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 5, 2, 5, 1, 1, 1, 3, 1, 1, 1, 2, 2, 0)	35
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15847	(4, 5, 7, 1, 2, 1, 4, 2, 1, 1, 4, 3, 1, 1, 2, 1, 1, 0)	18
15849	(4, 5, 7, 1, 2, 1, 6, 1, 1, 3, 2, 1, 2, 1, 1, 1, 2, 0)	18
15851	(4, 5, 7, 1, 2, 3, 1, 4, 4, 1, 1, 1, 1, 1, 2, 2, 1, 0)	18

15853	(4, 3, 2, 1, 1, 6, 3, 4, 3, 1, 2, 2, 1, 2, 3, 0)	16
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15859	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 3, 5, 1, 2, 3, 1, 0)	52
15861	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 1, 3, 1, 1, 1, 5, 0)	35
15863	(10, 1, 3, 3, 1, 2, 1, 4, 1, 1, 2, 1, 2, 1, 5, 1, 1, 3, 1, 1, 2, 3, 1, 1, 0)	25
15865	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 7, 2, 1, 2, 1, 2, 0)	52
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15871	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 1, 2, 5, 2, 2, 2, 3, 1, 1, 5, 1, 2, 1, 3, 1, 1, 1, 1, 3, 1, 1, 1, 1, 1, 1, 1, 1, 0)	45
15873	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 5, 4, 1, 2, 1, 1, 1, 1, 2, 2, 2, 2, 0)	35
15875	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 0)	16
15877	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 4, 1, 3, 2, 1, 2, 2, 4, 0)	52
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15881	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 3, 1, 1, 1, 1, 1, 1, 2, 3, 2, 1, 2, 4, 2, 1, 1, 2, 0)	45
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15885	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 1, 3, 4, 3, 0)	16
15887	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 4, 1, 5, 1, 5, 1, 1, 1, 0)	52
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15891	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 3, 1, 1, 1, 1, 1, 3, 1, 3, 3, 1, 1, 2, 2, 1, 3, 1, 0)	45
15893	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 2, 2, 1, 1, 1, 2, 6, 0)	33
15895	(4, 3, 2, 1, 1, 10, 2, 1, 1, 3, 1, 2, 5, 1, 1, 0)	16
15897	(4, 3, 2, 1, 1, 10, 2, 1, 1, 3, 3, 1, 3, 1, 2, 0)	16

15899	(4, 3, 2, 1, 1, 4, 4, 5, 2, 1, 2, 3, 2, 1, 2, 1, 3, 2, 3, 1, 2, 2, 1, 1, 1, 2, 1, 1, 1, 2, 2, 1, 1, 1, 2, 7, 1, 1, 1, 1, 1, 4, 1, 1, 2, 1, 2, 1, 1, 3, 1, 1, 1, 1, 2, 1, 0)	57
15901	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 5, 2, 1, 3, 0)	16
15903	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 1, 2, 5, 1, 2, 3, 1, 3, 2, 1, 1, 1, 2, 2, 2, 1, 1, 1, 1, 0)	45
15905	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 6, 2, 2, 2, 2, 2, 1, 1, 1, 1, 1, 2, 3, 1, 2, 2, 0)	35
15907	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 2, 2, 1, 1, 3, 5, 1, 0)	33
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15911	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 11, 1, 2, 1, 1, 0)	16
15913	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 5, 2, 1, 4, 3, 2, 1, 1, 3, 2, 1, 1, 2, 1, 1, 1, 1, 2, 0)	35
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15921	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 7, 2, 1, 1, 1, 1, 1, 4, 2, 0)	52
15923	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 7, 2, 1, 1, 1, 1, 3, 3, 1, 0)	52
15925	(4, 5, 1, 7, 5, 0)	6
15927	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 7, 2, 1, 1, 2, 2, 1, 2, 2, 1, 2, 2, 1, 1, 4, 1, 3, 1, 1, 1, 1, 3, 1, 2, 2, 1, 2, 1, 1, 3, 1, 1, 2, 2, 2, 2, 1, 1, 1, 1, 1, 1, 3, 1, 1, 0)	93
15929	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 2, 6, 1, 2, 1, 1, 2, 2, 2, 2, 1, 2, 0)	33
15931	(4, 3, 2, 1, 3, 1, 2, 4, 4, 4, 2, 4, 1, 2, 1, 0)	16
15933	(4, 3, 2, 1, 3, 1, 2, 4, 6, 1, 2, 4, 1, 1, 3, 0)	16
15935	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 3, 1, 1, 3, 2, 5, 1, 1, 1, 1, 1, 0)	33
15937	(4, 3, 2, 1, 3, 1, 2, 6, 1, 2, 3, 2, 4, 2, 2, 0)	16
15939	(4, 3, 2, 1, 3, 1, 2, 6, 1, 2, 3, 4, 1, 4, 1, 0)	16
15941	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 1, 2, 2, 3, 4, 0)	16
15943	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 5, 4, 1, 1, 3, 1, 2, 2, 1, 1, 0)	52
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15951	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 4, 1, 1, 5, 1, 3, 1, 3, 3, 1, 1, 1, 0)	52
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15957	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 1, 8, 0)	16
15959	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 3, 3, 4, 1, 1, 0)	16
15961	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 3, 1, 3, 2, 1, 1, 1, 3, 3, 1, 2, 1, 1, 4, 1, 2, 0)	33
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15967	(4, 3, 2, 1, 3, 1, 2, 6, 3, 5, 4, 1, 1, 1, 1, 0)	16
15969	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 2, 2, 1, 4, 5, 1, 1, 2, 2, 1, 1, 1, 1, 1, 1, 2, 1, 1, 5, 1, 1, 2, 2, 0)	69
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15973	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 1, 6, 3, 1, 4, 0)	16
15975	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 3, 2, 2, 4, 2, 1, 4, 1, 2, 3, 1, 1, 2, 3, 1, 1, 1, 2, 1, 1, 0)	33
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15981	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 4, 1, 1, 1, 2, 3, 0)	28
15983	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 5, 3, 2, 2, 2, 3, 3, 2, 1, 2, 1, 1, 1, 0)	52
15985	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 7, 2, 0)	16
15987	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 4, 1, 1, 1, 4, 1, 2, 2, 3, 1, 0)	28
15989	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 1, 5, 0)	16
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15993	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 4, 1, 2, 3, 2, 1, 1, 1, 2, 2, 1, 3, 3, 2, 1, 2, 1, 3, 1, 1, 2, 1, 2, 0)	69
15995	(4, 3, 2, 1, 3, 1, 4, 1, 2, 5, 6, 2, 1, 2, 1, 0)	16
15997	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 4, 1, 2, 3, 2, 1, 1, 1, 4, 1, 1, 5, 1, 1, 1, 1, 3, 1, 2, 1, 1, 1, 3, 0)	69

15999	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 5, 5, 1, 3, 2, 5, 2, 1, 1, 2, 1, 1, 1, 2, 1, 1, 1, 1, 1, 1, 0)	33
16001	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 5, 4, 2, 2, 1, 1, 2, 4, 1, 1, 1, 1, 2, 2, 2, 0)	52
16003	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 6, 4, 1, 0)	16
16005	(8, 2, 5, 1, 1, 2, 1, 4, 2, 1, 2, 4, 0)	13
16007	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 4, 1, 4, 1, 4, 1, 1, 2, 4, 2, 1, 1, 0)	28
16009	(4, 3, 2, 5, 4, 1, 2, 1, 2, 3, 2, 5, 1, 3, 1, 2, 1, 1, 2, 1, 1, 2, 0)	23
16011	(8, 2, 5, 1, 1, 2, 1, 6, 1, 3, 2, 1, 0)	13
16013	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 3, 1, 5, 3, 0)	16
16015	(8, 2, 3, 2, 3, 6, 1, 1, 4, 1, 1, 1, 0)	13
16017	(8, 2, 5, 1, 1, 2, 3, 3, 1, 2, 3, 2, 0)	13
16019	(8, 2, 5, 1, 1, 2, 3, 3, 3, 1, 3, 1, 0)	13
16021	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 1, 2, 1, 1, 1, 6, 0)	52
16023	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 3, 7, 1, 1, 0)	16
16025	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 3, 5, 1, 3, 1, 1, 1, 1, 2, 1, 3, 1, 3, 1, 1, 1, 2, 3, 1, 2, 0)	33
16027	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 3, 5, 1, 3, 1, 1, 1, 1, 2, 1, 1, 6, 2, 1, 2, 1, 1, 1, 2, 1, 0)	33
16029	(8, 2, 3, 6, 2, 1, 2, 2, 1, 2, 1, 3, 0)	13
16031	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 3, 5, 1, 3, 1, 1, 1, 1, 2, 5, 2, 2, 2, 1, 1, 2, 1, 1, 1, 1, 0)	33
16033	(8, 2, 5, 1, 3, 1, 5, 1, 2, 1, 2, 2, 0)	13
16035	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 3, 1, 1, 1, 5, 1, 0)	52
16037	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 4, 0)	57
16039	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 9, 1, 1, 2, 2, 1, 1, 2, 2, 1, 1, 1, 2, 3, 1, 2, 1, 2, 1, 1, 0)	33
16041	(4, 5, 1, 1, 5, 3, 3, 2, 1, 1, 3, 2, 1, 2, 1, 3, 1, 6, 1, 4, 1, 2, 2, 1, 1, 2, 1, 1, 1, 1, 1, 1, 1, 2, 0)	35
16043	(4, 3, 2, 5, 4, 9, 1, 2, 1, 1, 1, 2, 1, 1, 1, 1, 1, 2, 2, 2, 2, 1, 0)	23
16045	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 2, 2, 1, 1, 2, 1, 2, 3, 1, 4, 1, 1, 1, 1, 2, 2, 1, 2, 2, 2, 3, 0)	69
16047	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 5, 2, 2, 1, 2, 4, 1, 1, 1, 1, 1, 2, 1, 2, 2, 2, 3, 2, 1, 1, 1, 0)	33
16049	(10, 1, 1, 4, 2, 1, 2, 1, 3, 2, 4, 2, 0)	13

16051	(10, 1, 1, 4, 2, 1, 2, 1, 3, 4, 3, 1, 0)	13
16053	(10, 1, 1, 4, 2, 3, 1, 1, 1, 2, 2, 5, 0)	13
16055	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 4, 3, 2, 2, 1, 1, 1, 5, 1, 1, 3, 3, 2, 2, 1, 1, 2, 1, 2, 1, 1, 2, 2, 1, 3, 1, 1, 0)	69
16057	(4, 3, 2, 1, 3, 1, 4, 1, 8, 1, 2, 3, 2, 1, 2, 0)	16
16059	(4, 3, 2, 1, 3, 1, 4, 1, 8, 3, 1, 3, 1, 2, 1, 0)	16
16061	(10, 1, 1, 4, 2, 1, 2, 5, 2, 1, 1, 3, 0)	13
16063	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 3, 1, 1, 1, 1, 1, 3, 1, 3, 3, 1, 1, 2, 2, 1, 1, 2, 4, 2, 2, 1, 1, 1, 1, 1, 2, 2, 1, 4, 1, 1, 1, 1, 1, 1, 2, 3, 1, 1, 2, 4, 1, 1, 3, 1, 1, 3, 2, 1, 1, 2, 2, 2, 1, 1, 1, 1, 1, 0)	86
16065	(10, 1, 1, 4, 2, 3, 1, 1, 3, 3, 2, 2, 0)	13
16067	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 1, 2, 1, 3, 1, 1, 2, 4, 2, 1, 2, 1, 1, 4, 1, 0)	33
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16071	(10, 1, 1, 4, 2, 3, 1, 5, 2, 2, 1, 1, 0)	13
16073	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 4, 2, 3, 2, 4, 1, 2, 1, 1, 1, 2, 2, 3, 1, 2, 1, 1, 2, 1, 1, 1, 5, 1, 1, 2, 0)	69
16075	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 4, 2, 3, 2, 4, 1, 2, 1, 1, 1, 2, 2, 3, 1, 2, 1, 3, 1, 1, 1, 1, 1, 4, 2, 1, 0)	69
16077	(4, 5, 7, 3, 3, 0)	6
16079	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 4, 2, 3, 2, 4, 1, 2, 1, 1, 1, 2, 2, 1, 6, 3, 1, 1, 1, 1, 1, 1, 3, 1, 1, 1, 0)	69
16081	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 3, 1, 1, 3, 2, 2, 1, 1, 1, 2, 2, 2, 1, 3, 2, 0)	33
16083	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 3, 1, 1, 3, 2, 2, 1, 1, 1, 2, 4, 1, 1, 3, 1, 0)	33
16085	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 7, 0)	23
16087	(4, 3, 2, 1, 3, 1, 4, 3, 1, 5, 4, 1, 4, 1, 1, 0)	16
16089	(10, 1, 3, 3, 1, 2, 1, 2, 2, 5, 1, 2, 0)	13
16091	(4, 3, 2, 1, 1, 4, 2, 2, 3, 1, 4, 2, 4, 4, 1, 1, 2, 1, 1, 1, 1, 4, 1, 2, 2, 2, 1, 3, 1, 1, 2, 1, 0)	33
16093	(10, 1, 3, 3, 1, 2, 1, 4, 1, 3, 1, 3, 0)	13
16095	(8, 8, 1, 1, 4, 1, 3, 3, 1, 1, 1, 1, 0)	13
16097	(10, 1, 3, 1, 4, 6, 1, 1, 1, 1, 2, 2, 0)	13
16099	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 8, 1, 0)	23
16101	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 4, 0)	23

16103	(4, 3, 2, 1, 3, 3, 3, 6, 1, 1, 1, 1, 1, 1, 3, 2, 1, 4, 2, 5, 1, 2, 1, 1, 2, 1, 1, 0)	28
16105	(10, 1, 3, 3, 1, 6, 2, 2, 1, 1, 1, 2, 0)	13
16107	(10, 1, 3, 3, 3, 1, 5, 1, 1, 2, 2, 1, 0)	13
16109	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 5, 3, 1, 2, 3, 0)	23
16111	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 7, 3, 1, 2, 2, 1, 2, 2, 3, 1, 1, 1, 2, 1, 1, 1, 0)	52
16113	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 5, 2, 0)	23
16115	(4, 3, 2, 1, 1, 4, 4, 5, 2, 1, 2, 3, 2, 1, 2, 1, 3, 2, 3, 1, 2, 2, 1, 1, 1, 2, 1, 1, 1, 2, 2, 1, 1, 3, 1, 1, 1, 4, 1, 1, 1, 2, 3, 1, 0)	45
16117	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 1, 2, 1, 1, 5, 0)	33
16119	(4, 3, 2, 1, 3, 1, 4, 3, 7, 1, 2, 2, 3, 1, 1, 0)	16
16121	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 1, 2, 5, 1, 2, 1, 2, 0)	33
16123	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 3, 1, 6, 1, 1, 1, 1, 2, 1, 2, 3, 1, 1, 2, 2, 1, 4, 1, 3, 1, 1, 2, 1, 2, 1, 0)	69
16125	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 1, 2, 1, 5, 3, 1, 2, 1, 1, 1, 1, 3, 0)	33
16127	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 1, 6, 1, 3, 1, 2, 5, 2, 1, 1, 3, 2, 2, 3, 1, 1, 1, 2, 1, 1, 1, 1, 1, 1, 1, 0)	69
16129	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 6, 2, 2, 2, 0)	23
16131	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 5, 2, 1, 2, 4, 1, 0)	23
16133	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 3, 1, 3, 2, 4, 0)	23
16135	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 7, 1, 3, 2, 1, 1, 0)	23
16137	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 3, 3, 1, 4, 2, 4, 1, 1, 2, 1, 1, 3, 1, 1, 1, 1, 1, 4, 1, 1, 2, 2, 1, 1, 2, 0)	69
16139	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 2, 2, 1, 5, 1, 2, 1, 2, 3, 2, 1, 2, 2, 2, 3, 1, 1, 2, 1, 1, 1, 1, 1, 3, 2, 1, 1, 1, 1, 1, 1, 1, 1, 1, 2, 1, 2, 2, 1, 2, 3, 1, 2, 3, 2, 1, 0)	69
16141	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 1, 5, 1, 2, 1, 2, 1, 1, 1, 4, 3, 0)	23
16143	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 3, 7, 1, 1, 1, 0)	23
16145	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 1, 5, 1, 2, 1, 2, 1, 1, 3, 3, 2, 0)	23
16147	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 4, 1, 1, 1, 1, 1, 1, 1, 1, 3, 4, 2, 1, 1, 1, 2, 2, 1, 2, 1, 3, 1, 0)	33
16149	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 5, 6, 0)	40
16151	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 1, 5, 1, 2, 3, 1, 1, 1, 5, 1, 1, 0)	23

16153	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 2, 2, 1, 5, 1, 2, 1, 2, 3, 2, 1, 2, 2, 2, 3, 1, 1, 2, 1, 1, 1, 1, 1, 3, 2, 1, 1, 1, 1, 1, 1, 1, 1, 1, 3, 1, 5, 1, 1, 2, 1, 1, 1, 1, 3, 1, 2, 0)	69
16155	(4, 3, 8, 1, 4, 1, 1, 5, 3, 1, 1, 2, 1, 2, 4, 2, 1, 2, 2, 2, 1, 1, 3, 1, 2, 1, 1, 1, 1, 1, 1, 1, 2, 1, 0)	35
16157	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 3, 2, 2, 2, 2, 2, 3, 1, 1, 2, 1, 2, 1, 2, 2, 2, 1, 3, 0)	52
16159	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 4, 1, 1, 3, 1, 1, 1, 1, 5, 5, 1, 2, 1, 4, 1, 3, 1, 2, 1, 1, 1, 2, 2, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 4, 1, 1, 1, 2, 2, 3, 2, 1, 1, 1, 1, 0)	69
16161	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 5, 3, 2, 1, 1, 2, 1, 2, 1, 1, 1, 1, 1, 3, 4, 1, 2, 2, 0)	52
16163	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 5, 3, 2, 1, 1, 2, 3, 1, 1, 1, 1, 1, 1, 1, 2, 2, 5, 1, 0)	52
16165	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 5, 3, 2, 1, 1, 2, 3, 1, 1, 1, 1, 1, 1, 1, 4, 1, 1, 4, 0)	52
16167	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 5, 2, 1, 2, 3, 1, 3, 1, 2, 1, 1, 0)	23
16169	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 5, 3, 2, 1, 1, 2, 1, 2, 1, 1, 1, 1, 7, 1, 1, 1, 1, 2, 0)	52
16171	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 5, 3, 2, 1, 1, 2, 3, 1, 1, 1, 1, 1, 1, 3, 3, 2, 2, 1, 0)	52
16173	(4, 9, 4, 2, 3, 0)	6
16175	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 5, 3, 2, 1, 1, 2, 3, 1, 1, 1, 1, 1, 5, 2, 2, 1, 1, 1, 0)	52
16177	(4, 11, 1, 4, 2, 0)	6
16179	(4, 11, 3, 3, 1, 0)	6
16181	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 3, 5, 0)	21
16183	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 1, 4, 5, 1, 1, 1, 1, 1, 1, 2, 2, 2, 4, 1, 1, 3, 1, 1, 0)	69
16185	(4, 3, 2, 1, 3, 1, 8, 2, 2, 4, 1, 2, 2, 1, 2, 0)	16
16187	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 2, 2, 1, 2, 2, 2, 2, 5, 1, 2, 1, 0)	57
16189	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 2, 2, 1, 2, 2, 4, 1, 3, 1, 1, 3, 0)	57
16191	(4, 3, 2, 1, 7, 4, 1, 1, 2, 3, 4, 2, 2, 4, 1, 2, 1, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 1, 1, 3, 2, 1, 3, 3, 1, 1, 1, 1, 1, 0)	40

16193	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 6, 2, 2, 0)	21
16195	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 3, 2, 2, 4, 2, 1, 4, 1, 0)	21
16197	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 3, 1, 3, 4, 0)	21
16199	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 2, 2, 1, 4, 5, 1, 1, 2, 2, 1, 1, 0)	57
16201	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 3, 2, 4, 3, 3, 1, 1, 2, 0)	21
16203	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 3, 5, 2, 1, 0)	21
16205	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 4, 1, 3, 2, 1, 1, 2, 1, 1, 3, 3, 0)	57
16207	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 3, 1, 1, 3, 2, 1, 1, 4, 2, 1, 1, 2, 1, 3, 1, 2, 2, 3, 1, 1, 1, 0)	69
16209	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 4, 1, 3, 2, 1, 3, 1, 1, 1, 3, 2, 0)	57
16211	(4, 5, 1, 1, 5, 1, 2, 2, 4, 3, 3, 2, 1, 4, 1, 2, 1, 1, 1, 1, 3, 1, 0)	23
16213	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 9, 0)	40
16215	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 5, 3, 2, 1, 2, 4, 1, 1, 0)	21
16217	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 4, 1, 3, 4, 1, 2, 0)	21
16219	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 1, 8, 1, 3, 2, 2, 1, 1, 2, 2, 1, 1, 1, 1, 3, 1, 1, 2, 2, 1, 1, 2, 1, 0)	69
16221	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 4, 1, 2, 3, 2, 1, 1, 1, 4, 1, 3, 0)	57
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16239	(4, 3, 2, 1, 3, 7, 2, 1, 4, 1, 4, 3, 1, 1, 1, 3, 1, 1, 1, 3, 1, 3, 1, 2, 1, 1, 1, 0)	28
16241	(4, 3, 2, 5, 4, 1, 2, 1, 6, 2, 0)	11
16243	(4, 3, 2, 5, 2, 4, 4, 2, 3, 1, 0)	11
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16247	(4, 3, 2, 5, 2, 6, 3, 3, 1, 1, 0)	11
16249	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 1, 4, 2, 1, 3, 1, 2, 1, 1, 2, 1, 4, 4, 1, 1, 1, 2, 1, 2, 0)	33
16251	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 1, 4, 2, 1, 3, 1, 2, 1, 1, 2, 3, 1, 4, 1, 2, 2, 1, 2, 1, 0)	33
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16259	(4, 3, 2, 5, 4, 3, 1, 3, 4, 1, 0)	11
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16263	(4, 3, 2, 5, 4, 3, 5, 2, 1, 1, 0)	11
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16269	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 3, 0)	40
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16273	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 4, 3, 2, 2, 1, 1, 1, 5, 1, 1, 1, 2, 2, 3, 2, 0)	57
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16285	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 4, 3, 4, 1, 1, 1, 1, 3, 1, 4, 1, 1, 2, 1, 3, 0)	57
16287	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 4, 3, 2, 2, 1, 1, 7, 1, 3, 1, 2, 1, 1, 1, 1, 0)	57
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16291	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 2, 2, 1, 1, 2, 3, 1, 5, 1, 0)	57
16293	(4, 3, 2, 1, 1, 4, 4, 1, 5, 3, 1, 1, 1, 5, 1, 2, 1, 5, 1, 1, 1, 1, 1, 1, 3, 1, 1, 2, 1, 1, 1, 4, 0)	33
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16297	(4, 3, 2, 1, 1, 4, 4, 1, 3, 4, 4, 4, 2, 1, 1, 1, 2, 1, 3, 1, 2, 1, 2, 3, 1, 2, 1, 1, 1, 1, 1, 2, 0)	33
16299	(4, 3, 2, 11, 2, 1, 2, 2, 2, 1, 0)	11
16301	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 4, 2, 3, 2, 4, 1, 2, 1, 1, 1, 2, 2, 3, 0)	57
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16305	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 5, 4, 2, 0)	40
16307	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 7, 3, 1, 0)	40
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16311	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 3, 1, 1, 2, 1, 2, 2, 2, 1, 4, 1, 2, 1, 1, 2, 3, 2, 1, 1, 1, 1, 4, 1, 3, 1, 1, 0)	45
16313	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 6, 4, 2, 1, 2, 0)	40
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16323	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 1, 5, 1, 2, 1, 2, 1, 1, 3, 3, 2, 1, 1, 3, 1, 1, 6, 3, 1, 2, 1, 2, 4, 2, 1, 1, 1, 1, 2, 1, 2, 1, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 2, 1, 1, 1, 4, 1, 0)	64
16325	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 5, 4, 0)	16
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16335	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 5, 3, 2, 3, 2, 2, 1, 3, 1, 1, 4, 1, 3, 1, 1, 1, 0)	57
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16339	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 8, 1, 1, 2, 1, 1, 3, 1, 0)	21
16341	(4, 3, 2, 1, 3, 3, 3, 6, 1, 1, 1, 1, 1, 1, 7, 0)	16
16343	(4, 3, 2, 1, 1, 4, 4, 5, 2, 1, 2, 3, 2, 1, 2, 1, 3, 2, 3, 1, 2, 2, 1, 1, 1, 2, 1, 1, 1, 4, 1, 1, 0)	33
16345	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 7, 1, 2, 0)	16
16347	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 1, 6, 1, 3, 3, 1, 1, 1, 4, 1, 1, 2, 1, 0)	57
16349	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 3, 1, 6, 1, 1, 1, 1, 2, 1, 2, 3, 1, 3, 0)	57
16351	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 3, 1, 7, 1, 1, 1, 1, 1, 2, 3, 4, 1, 1, 1, 1, 2, 1, 4, 1, 3, 1, 1, 1, 1, 0)	52
16353	(4, 3, 8, 1, 2, 2, 1, 1, 4, 2, 3, 2, 2, 3, 1, 1, 2, 1, 1, 1, 2, 2, 0)	23
16355	(4, 3, 2, 1, 3, 3, 3, 6, 1, 1, 1, 1, 1, 1, 7, 1, 0)	16
16357	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 3, 3, 2, 2, 1, 2, 1, 2, 1, 4, 0)	21
16359	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 9, 2, 3, 4, 1, 1, 1, 1, 1, 1, 4, 1, 1, 2, 1, 1, 0)	57
16361	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 3, 3, 1, 4, 2, 4, 1, 1, 2, 1, 1, 1, 2, 0)	57
16363	(4, 3, 8, 1, 2, 2, 1, 3, 3, 3, 1, 4, 2, 1, 1, 2, 1, 1, 1, 2, 2, 1, 0)	23
16365	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 1, 1, 1, 1, 4, 2, 1, 1, 1, 3, 1, 1, 1, 2, 1, 1, 4, 1, 2, 1, 2, 1, 2, 3, 0)	45
16367	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 7, 2, 1, 1, 2, 2, 1, 2, 2, 1, 2, 2, 1, 1, 4, 1, 1, 2, 1, 1, 1, 0)	69
16369	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 5, 2, 0)	21
16371	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 1, 1, 1, 1, 4, 2, 1, 1, 1, 1, 2, 1, 5, 1, 2, 1, 1, 2, 1, 2, 1, 2, 3, 1, 0)	45
16373	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 4, 1, 1, 1, 1, 1, 1, 1, 1, 5, 0)	21
16375	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 1, 1, 1, 1, 4, 2, 1, 1, 1, 3, 1, 1, 3, 1, 1, 3, 2, 1, 2, 1, 2, 3, 1, 1, 0)	45
16377	(4, 3, 8, 1, 4, 1, 5, 2, 1, 2, 1, 1, 1, 3, 1, 2, 1, 2, 1, 2, 1, 2, 0)	23

16379	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 3, 2, 2, 6, 1, 3, 2, 1, 2, 1, 2, 1, 1, 1, 1, 5, 3, 1, 3, 1, 1, 1, 1, 1, 5, 1, 1, 2, 2, 2, 1, 2, 1, 1, 2, 1, 1, 1, 1, 1, 1, 2, 1, 2, 1, 2, 1, 2, 1, 0)	62
16381	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 2, 2, 1, 5, 1, 2, 1, 2, 3, 2, 1, 2, 2, 2, 3, 1, 1, 2, 1, 1, 1, 1, 1, 5, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 3, 0)	57
16383	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 4, 1, 1, 3, 1, 1, 1, 1, 5, 5, 1, 2, 1, 4, 1, 3, 1, 2, 1, 1, 1, 4, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 0)	57
16385	(4, 3, 2, 1, 3, 3, 5, 1, 4, 2, 2, 2, 2, 2, 2, 0)	16
16387	(4, 3, 2, 1, 3, 3, 5, 3, 1, 2, 2, 2, 2, 4, 1, 0)	16
16389	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 3, 2, 2, 2, 2, 4, 0)	40
16391	(4, 3, 2, 1, 3, 3, 5, 3, 1, 2, 4, 3, 2, 1, 1, 0)	16
16393	(4, 3, 2, 1, 3, 3, 5, 3, 1, 4, 3, 2, 1, 1, 2, 0)	16
16395	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 3, 2, 4, 3, 2, 1, 0)	40
16397	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 1, 2, 2, 2, 4, 3, 0)	57
16399	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 3, 4, 5, 1, 1, 1, 0)	40
16401	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 1, 2, 2, 4, 3, 2, 0)	57
16403	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 5, 3, 2, 1, 3, 1, 0)	40
16405	(4, 5, 1, 1, 3, 4, 2, 2, 2, 6, 0)	11
16407	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 1, 2, 4, 5, 1, 1, 0)	57
16409	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 1, 3, 1, 2, 2, 1, 4, 1, 1, 1, 2, 3, 2, 1, 3, 1, 2, 0)	33
16411	(4, 3, 2, 1, 1, 4, 2, 2, 7, 2, 6, 1, 2, 2, 1, 1, 1, 1, 2, 1, 0)	21
16413	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 1, 4, 3, 2, 1, 3, 0)	57
16415	(4, 3, 2, 1, 7, 4, 1, 1, 2, 3, 4, 2, 2, 4, 1, 2, 1, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 0)	28
16417	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 7, 2, 1, 3, 1, 2, 2, 0)	40
16419	(4, 5, 1, 1, 3, 4, 2, 4, 5, 1, 0)	11
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16427	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 1, 2, 5, 1, 2, 1, 1, 4, 2, 2, 1, 0)	57
16429	(4, 5, 1, 1, 3, 4, 4, 3, 2, 3, 0)	11
16431	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 3, 1, 1, 5, 2, 1, 1, 1, 1, 1, 1, 1, 4, 2, 2, 2, 1, 1, 1, 2, 1, 1, 2, 2, 1, 5, 1, 1, 2, 1, 2, 2, 1, 1, 1, 0)	81
16433	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 3, 1, 1, 3, 2, 1, 1, 4, 2, 0)	57
16435	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 3, 1, 1, 3, 2, 1, 3, 3, 1, 0)	57
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16441	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 4, 3, 3, 1, 1, 1, 3, 1, 1, 2, 3, 1, 2, 1, 1, 1, 1, 4, 2, 2, 1, 2, 0)	69
16443	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 4, 3, 3, 1, 1, 1, 3, 1, 1, 2, 3, 1, 2, 1, 1, 1, 3, 1, 4, 1, 2, 1, 0)	69
16445	(4, 5, 1, 1, 3, 6, 5, 1, 1, 3, 0)	11
16447	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 4, 3, 1, 2, 1, 1, 5, 1, 4, 1, 1, 2, 2, 1, 2, 1, 4, 1, 1, 1, 1, 1, 0)	69
16449	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 6, 2, 2, 1, 1, 4, 2, 2, 0)	40
16451	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 6, 2, 2, 1, 3, 1, 4, 1, 0)	40
16453	(4, 5, 1, 1, 5, 1, 2, 4, 3, 4, 0)	11
16455	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 8, 2, 1, 2, 1, 5, 2, 1, 1, 2, 1, 2, 2, 1, 1, 0)	57
16457	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 2, 2, 1, 1, 2, 1, 2, 3, 1, 4, 1, 1, 1, 3, 3, 4, 3, 1, 1, 1, 1, 1, 3, 1, 1, 2, 2, 1, 2, 2, 1, 2, 1, 2, 1, 1, 2, 1, 1, 1, 1, 3, 2, 1, 1, 1, 3, 1, 1, 2, 0)	98
16459	(4, 5, 1, 1, 5, 1, 2, 8, 2, 1, 0)	11
16461	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 3, 1, 3, 2, 3, 2, 1, 3, 3, 0)	40

16463	(4, 3, 2, 1, 3, 7, 2, 1, 4, 1, 4, 3, 1, 1, 1, 0)	16
16465	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 3, 1, 3, 2, 5, 1, 1, 3, 2, 0)	40
16467	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 1, 3, 1, 1, 1, 1, 4, 3, 1, 1, 1, 1, 1, 4, 3, 1, 2, 2, 1, 1, 1, 3, 1, 0)	52
16469	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 8, 0)	45
16471	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 3, 1, 5, 1, 1, 4, 4, 1, 1, 0)	40
16473	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 3, 1, 5, 1, 3, 1, 4, 1, 2, 0)	40
16475	(4, 3, 2, 1, 1, 6, 3, 4, 3, 1, 2, 2, 3, 1, 1, 4, 2, 1, 2, 3, 1, 1, 2, 2, 1, 1, 1, 2, 1, 1, 2, 1, 0)	33
16477	(4, 5, 1, 1, 5, 1, 4, 5, 1, 3, 0)	11
16479	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 7, 3, 2, 1, 1, 1, 1, 1, 2, 1, 4, 1, 1, 1, 1, 0)	57
16481	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 2, 2, 1, 1, 1, 1, 2, 4, 1, 1, 4, 1, 1, 1, 3, 1, 1, 2, 2, 0)	33
16483	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 1, 4, 2, 1, 1, 6, 1, 0)	21
16485	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 1, 4, 2, 1, 3, 1, 4, 0)	21
16487	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 2, 2, 1, 1, 1, 1, 4, 3, 2, 2, 1, 3, 2, 1, 1, 1, 2, 1, 1, 0)	33
16489	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 3, 3, 2, 1, 2, 2, 3, 3, 1, 1, 4, 3, 1, 1, 1, 2, 0)	57
16491	(4, 3, 2, 1, 1, 4, 2, 6, 4, 3, 3, 1, 2, 1, 1, 2, 1, 2, 2, 1, 0)	21
16493	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 1, 3, 2, 2, 3, 2, 2, 2, 1, 1, 2, 1, 3, 2, 2, 1, 1, 1, 1, 2, 3, 0)	33
16495	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 3, 1, 1, 3, 2, 2, 2, 2, 3, 1, 3, 2, 3, 1, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 1, 0)	52
16497	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 8, 2, 0)	45
16499	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 3, 1, 4, 2, 2, 3, 1, 0)	21
16501	(4, 5, 1, 1, 5, 3, 3, 2, 1, 5, 0)	11
16503	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 3, 3, 1, 4, 3, 1, 1, 0)	21
16505	(4, 5, 1, 5, 2, 1, 4, 4, 1, 3, 3, 1, 3, 1, 1, 1, 2, 1, 1, 2, 1, 2, 0)	23
16507	(4, 5, 1, 5, 2, 1, 6, 3, 2, 2, 1, 2, 1, 1, 1, 2, 1, 3, 2, 1, 2, 1, 0)	23
16509	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 3, 1, 1, 1, 1, 1, 3, 1, 3, 3, 1, 1, 2, 2, 1, 1, 2, 4, 2, 2, 1, 1, 1, 1, 1, 2, 2, 1, 2, 2, 1, 1, 1, 3, 0)	62
16511	(4, 5, 1, 5, 2, 3, 1, 2, 6, 1, 1, 1, 3, 2, 4, 2, 1, 1, 1, 1, 1, 1, 0)	23
16513	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 7, 1, 1, 1, 2, 1, 1, 2, 1, 1, 2, 2, 3, 1, 1, 3, 1, 1, 2, 2, 2, 0)	33

16515	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 3, 3, 4, 1, 2, 1, 2, 4, 2, 1, 1, 1, 1, 1, 2, 1, 1, 1, 1, 1, 2, 1, 1, 4, 4, 1, 0)	69
16517	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 3, 3, 4, 1, 2, 1, 2, 4, 2, 1, 1, 1, 1, 1, 2, 1, 1, 1, 1, 1, 2, 1, 3, 1, 2, 4, 0)	69
16519	(4, 3, 2, 1, 1, 4, 4, 1, 3, 6, 1, 2, 1, 2, 2, 1, 4, 2, 1, 1, 0)	21
16521	(4, 3, 2, 1, 1, 4, 4, 1, 3, 4, 4, 4, 2, 1, 1, 1, 2, 1, 1, 2, 0)	21
16523	(4, 3, 2, 1, 1, 4, 4, 1, 5, 3, 1, 1, 1, 5, 1, 2, 1, 3, 2, 1, 0)	21
16525	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 4, 5, 3, 0)	45
16527	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 3, 5, 1, 5, 1, 1, 2, 3, 1, 1, 2, 1, 4, 1, 1, 1, 0)	57
16529	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 4, 1, 1, 1, 3, 2, 1, 2, 2, 1, 1, 3, 3, 1, 2, 1, 2, 1, 1, 1, 1, 2, 3, 2, 0)	50
16531	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 4, 1, 1, 1, 3, 2, 1, 2, 2, 1, 1, 3, 3, 1, 2, 1, 2, 1, 1, 1, 3, 1, 3, 1, 0)	50
16533	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 2, 2, 1, 3, 2, 1, 1, 6, 0)	57
16535	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 10, 1, 1, 0)	45
16537	(4, 5, 1, 1, 9, 2, 2, 3, 1, 2, 0)	11
16539	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 2, 2, 1, 5, 4, 1, 3, 1, 2, 3, 1, 1, 1, 1, 1, 1, 1, 3, 2, 1, 1, 1, 2, 1, 0)	50
16541	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 3, 1, 1, 2, 1, 2, 2, 2, 1, 4, 1, 2, 1, 3, 0)	33
16543	(4, 3, 2, 1, 3, 1, 2, 4, 6, 1, 2, 2, 2, 1, 1, 3, 1, 1, 2, 2, 1, 5, 5, 1, 1, 1, 1, 2, 1, 1, 1, 1, 0)	33
16545	(4, 3, 2, 1, 3, 1, 2, 4, 6, 1, 2, 2, 2, 1, 1, 1, 6, 2, 1, 1, 1, 3, 2, 1, 1, 2, 1, 1, 2, 1, 2, 2, 0)	33
16547	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 2, 2, 1, 5, 1, 1, 5, 1, 0)	57
16549	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 1, 2, 3, 4, 2, 1, 1, 2, 2, 1, 1, 1, 1, 4, 0)	33
16551	(10, 5, 2, 4, 2, 1, 2, 2, 3, 2, 4, 1, 1, 2, 1, 2, 1, 1, 1, 4, 1, 1, 1, 2, 1, 1, 1, 3, 1, 2, 2, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 0)	42
16553	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 3, 1, 1, 2, 1, 8, 2, 1, 1, 1, 1, 1, 1, 2, 0)	33
16555	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 3, 1, 1, 3, 4, 1, 2, 3, 2, 2, 2, 1, 0)	40
16557	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 4, 1, 1, 1, 4, 2, 2, 3, 0)	57

16559	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 3, 1, 1, 3, 2, 5, 1, 1, 1, 1, 1, 3, 2, 3, 1, 2, 1, 1, 1, 1, 2, 1, 1, 3, 2, 1, 1, 1, 0)	50
16561	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 4, 1, 1, 3, 1, 2, 4, 2, 0)	57
16563	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 4, 1, 1, 3, 1, 4, 3, 1, 0)	57
16565	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 5, 3, 2, 5, 0)	45
16567	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 1, 2, 6, 2, 1, 1, 1, 2, 1, 1, 3, 4, 1, 2, 1, 1, 1, 2, 1, 3, 1, 1, 0)	33
16569	(4, 3, 2, 1, 1, 4, 4, 5, 2, 1, 2, 3, 2, 1, 2, 1, 3, 2, 1, 2, 0)	21
16571	(4, 3, 2, 1, 1, 4, 4, 5, 2, 1, 2, 3, 2, 3, 1, 1, 3, 1, 2, 1, 0)	21
16573	(4, 3, 2, 1, 1, 4, 4, 5, 2, 3, 1, 3, 1, 2, 1, 2, 2, 1, 1, 3, 0)	21
16575	(4, 3, 2, 1, 1, 4, 4, 5, 2, 3, 1, 1, 4, 4, 2, 1, 1, 1, 1, 1, 0)	21
16577	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 3, 1, 7, 1, 1, 1, 1, 1, 2, 3, 2, 2, 0)	40
16579	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 3, 1, 7, 1, 1, 1, 1, 3, 1, 1, 4, 1, 0)	40
16581	(4, 3, 8, 1, 2, 2, 1, 1, 4, 4, 0)	11
16583	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 5, 4, 1, 2, 2, 2, 1, 1, 1, 1, 1, 3, 2, 2, 1, 1, 0)	33
16585	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 11, 1, 1, 2, 0)	45
16587	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 3, 2, 2, 6, 1, 3, 2, 1, 2, 3, 1, 1, 1, 1, 1, 3, 1, 1, 1, 2, 1, 2, 1, 1, 1, 2, 1, 2, 1, 1, 2, 2, 2, 1, 4, 2, 1, 0)	50
16589	(4, 3, 8, 1, 2, 2, 1, 3, 3, 3, 0)	11
16591	(4, 3, 2, 1, 3, 1, 2, 6, 3, 5, 4, 1, 1, 1, 1, 4, 1, 1, 1, 2, 1, 1, 1, 2, 3, 2, 1, 1, 3, 1, 1, 1, 0)	33
16593	(4, 3, 6, 4, 4, 1, 2, 1, 3, 2, 0)	11
16595	(4, 3, 6, 4, 4, 3, 1, 1, 3, 1, 0)	11
16597	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 7, 0)	45
16599	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 5, 2, 2, 1, 1, 2, 1, 4, 1, 1, 0)	57
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16623	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 4, 1, 2, 3, 2, 1, 1, 1, 4, 1, 1, 5, 1, 1, 1, 1, 3, 1, 2, 1, 1, 1, 3, 2, 1, 1, 3, 3, 2, 1, 1, 4, 1, 1, 1, 1, 2, 1, 1, 1, 0)	86
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16627	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 1, 2, 1, 1, 1, 2, 1, 4, 1, 2, 3, 5, 1, 1, 1, 1, 1, 2, 1, 1, 2, 3, 1, 0)	69
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16635	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 3, 1, 3, 6, 1, 1, 1, 2, 2, 1, 1, 6, 1, 1, 1, 1, 1, 2, 1, 2, 1, 0)	33
16637	(4, 3, 2, 1, 7, 2, 2, 5, 1, 4, 1, 1, 1, 1, 3, 0)	16
16639	(8, 2, 5, 1, 1, 2, 3, 3, 3, 1, 1, 2, 1, 1, 2, 1, 2, 5, 1, 1, 1, 6, 1, 1, 1, 1, 1, 1, 1, 0)	30
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16643	(4, 3, 2, 1, 7, 4, 1, 3, 1, 3, 1, 1, 2, 4, 1, 0)	16
16645	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 1, 1, 4, 2, 4, 0)	21
16647	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 2, 2, 1, 1, 1, 1, 3, 3, 2, 3, 1, 2, 1, 1, 3, 2, 1, 1, 0)	74
16649	(8, 2, 3, 6, 2, 1, 2, 2, 1, 2, 1, 1, 3, 1, 2, 1, 2, 1, 3, 1, 2, 1, 1, 3, 2, 2, 1, 1, 2, 0)	30
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16663	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 2, 4, 2, 3, 1, 2, 1, 5, 1, 1, 0)	57
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16687	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 5, 2, 5, 1, 1, 1, 1, 2, 1, 3, 2, 2, 2, 2, 1, 1, 1, 0)	40
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16697	(4, 5, 7, 1, 2, 3, 1, 4, 4, 1, 1, 1, 1, 1, 2, 2, 1, 1, 2, 2, 1, 2, 0)	23
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16705	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 5, 2, 2, 0)	45
16707	(10, 1, 3, 3, 1, 2, 1, 4, 1, 1, 2, 1, 2, 1, 5, 1, 1, 3, 1, 1, 2, 1, 2, 1, 1, 2, 1, 4, 1, 0)	30
16709	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 8, 1, 1, 3, 4, 0)	45
16711	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 3, 1, 1, 3, 2, 2, 1, 1, 1, 2, 4, 1, 1, 1, 2, 2, 1, 4, 3, 1, 3, 1, 1, 2, 1, 1, 1, 1, 2, 2, 1, 1, 0)	50
16713	(4, 3, 2, 1, 1, 6, 5, 5, 1, 2, 1, 1, 1, 1, 3, 2, 3, 1, 1, 2, 0)	21
16715	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 8, 1, 5, 2, 1, 0)	45
16717	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 2, 2, 1, 1, 1, 3, 3, 0)	21
16719	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 1, 2, 5, 2, 2, 2, 3, 1, 1, 5, 1, 2, 1, 3, 1, 1, 1, 1, 3, 1, 1, 1, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 0)	50
16721	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 3, 2, 0)	21
16723	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 5, 4, 1, 2, 1, 1, 1, 3, 3, 2, 1, 1, 1, 1, 1, 3, 1, 0)	40
16725	(4, 3, 2, 1, 1, 4, 2, 10, 0)	9
16727	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 1, 3, 2, 2, 3, 2, 4, 1, 1, 0)	21
16729	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 1, 3, 4, 1, 1, 2, 4, 1, 2, 0)	21
16731	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 1, 3, 2, 6, 2, 1, 1, 2, 1, 0)	21
16733	(4, 5, 1, 5, 2, 1, 4, 4, 1, 3, 0)	11
16735	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 4, 1, 5, 1, 3, 2, 1, 1, 5, 1, 1, 1, 1, 0)	57
16737	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 1, 5, 3, 2, 2, 1, 1, 2, 2, 0)	21
16739	(4, 5, 1, 5, 2, 3, 1, 2, 6, 1, 0)	11
16741	(4, 5, 1, 5, 2, 3, 1, 4, 1, 4, 0)	11
16743	(4, 3, 2, 1, 1, 10, 2, 1, 1, 1, 4, 4, 4, 1, 1, 1, 1, 2, 1, 1, 0)	21
16745	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 2, 2, 1, 1, 1, 4, 1, 6, 1, 1, 1, 2, 0)	38
16747	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 2, 2, 1, 1, 1, 4, 3, 3, 1, 2, 2, 1, 0)	38
16749	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 7, 1, 1, 1, 2, 1, 1, 2, 3, 0)	21
16751	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 5, 2, 1, 5, 1, 2, 1, 1, 1, 0)	21
16753	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 3, 3, 6, 2, 0)	45

16755	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 5, 2, 2, 2, 3, 1, 2, 2, 2, 1, 2, 1, 1, 2, 1, 3, 2, 3, 1, 0)	57
16757	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 3, 5, 1, 5, 0)	45
16759	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 5, 2, 2, 2, 3, 1, 2, 2, 2, 1, 2, 1, 3, 1, 1, 3, 3, 1, 1, 0)	57
16761	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 11, 3, 1, 1, 1, 1, 1, 2, 1, 2, 0)	21
16763	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 5, 2, 1, 4, 3, 2, 1, 1, 3, 2, 1, 1, 2, 1, 1, 1, 1, 2, 2, 2, 1, 2, 1, 0)	40
16765	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 4, 1, 1, 1, 3, 2, 1, 4, 1, 1, 1, 3, 0)	38
16767	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 3, 3, 4, 1, 2, 1, 2, 6, 1, 1, 1, 1, 1, 1, 0)	57
16769	(4, 5, 1, 7, 1, 5, 1, 2, 2, 2, 0)	11
16771	(4, 3, 2, 1, 3, 1, 2, 4, 6, 1, 2, 2, 2, 1, 1, 1, 2, 3, 4, 1, 0)	21
16773	(4, 3, 2, 1, 3, 1, 2, 4, 6, 1, 2, 2, 2, 1, 1, 3, 1, 1, 2, 4, 0)	21
16775	(4, 3, 2, 1, 3, 1, 2, 4, 6, 1, 2, 2, 2, 1, 1, 1, 6, 2, 1, 1, 0)	21
16777	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 7, 2, 1, 1, 2, 2, 1, 2, 2, 1, 2, 2, 1, 1, 4, 1, 3, 1, 1, 1, 1, 3, 1, 2, 2, 1, 2, 1, 1, 3, 1, 1, 2, 2, 2, 2, 1, 1, 1, 1, 1, 1, 1, 2, 3, 1, 2, 1, 1, 2, 0)	98
16779	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 2, 6, 1, 2, 1, 1, 2, 2, 2, 2, 1, 2, 1, 1, 3, 2, 1, 0)	38
16781	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 1, 6, 3, 0)	21
16783	(4, 3, 2, 1, 3, 1, 2, 4, 6, 1, 2, 4, 1, 1, 1, 3, 4, 1, 1, 1, 0)	21
16785	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 7, 2, 3, 2, 0)	45
16787	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 9, 1, 3, 1, 0)	45
16789	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 1, 6, 0)	21
16791	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 1, 4, 1, 1, 2, 2, 1, 6, 1, 1, 0)	21
16793	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 1, 4, 1, 1, 2, 2, 3, 3, 1, 2, 0)	21
16795	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 5, 4, 1, 1, 3, 1, 2, 2, 1, 3, 1, 1, 1, 2, 1, 0)	57
16797	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 1, 2, 6, 2, 1, 1, 1, 2, 1, 3, 0)	21
16799	(4, 9, 4, 2, 1, 1, 2, 1, 4, 1, 4, 1, 1, 3, 2, 2, 1, 2, 1, 1, 1, 1, 0)	23
16801	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 4, 1, 1, 5, 1, 3, 1, 3, 1, 2, 1, 1, 2, 2, 1, 2, 2, 0)	57

16803	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 1, 6, 1, 2, 1, 5, 1, 0)	21
16805	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 1, 6, 3, 1, 1, 1, 4, 0)	21
16807	(4, 3, 2, 1, 3, 1, 2, 6, 1, 8, 1, 1, 1, 1, 4, 2, 1, 2, 1, 1, 0)	21
16809	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 6, 4, 2, 4, 1, 1, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 0)	57
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16813	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 1, 4, 6, 1, 1, 2, 1, 2, 2, 3, 0)	21
16815	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 1, 4, 4, 2, 3, 4, 2, 1, 1, 1, 0)	21
16817	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 3, 1, 1, 3, 4, 2, 0)	21
16819	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 3, 1, 1, 5, 3, 1, 0)	21
16821	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 4, 1, 1, 1, 2, 1, 1, 1, 1, 2, 5, 0)	33
16823	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 1, 6, 1, 4, 2, 3, 1, 3, 1, 1, 0)	21
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16827	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 1, 6, 3, 3, 1, 2, 3, 1, 2, 1, 0)	21
16829	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 3, 2, 2, 6, 1, 3, 2, 1, 2, 3, 1, 1, 1, 1, 1, 3, 1, 1, 1, 2, 1, 2, 1, 1, 3, 0)	38
16831	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 3, 2, 2, 6, 1, 3, 2, 1, 2, 1, 2, 1, 1, 1, 1, 5, 3, 1, 1, 2, 1, 1, 1, 1, 1, 0)	38
16833	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 4, 1, 1, 3, 1, 1, 1, 1, 3, 2, 2, 0)	33
16835	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 5, 3, 2, 2, 2, 3, 3, 2, 1, 2, 1, 1, 1, 1, 1, 1, 4, 1, 0)	57
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16841	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 1, 3, 2, 4, 1, 1, 2, 0)	21
16843	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 3, 1, 1, 1, 2, 2, 4, 2, 1, 0)	21
16845	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 3, 3, 0)	45
16847	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 3, 1, 1, 1, 0)	21
16849	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 4, 1, 3, 2, 0)	45
16851	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 4, 1, 2, 3, 2, 1, 1, 1, 4, 1, 1, 5, 1, 1, 1, 1, 3, 1, 2, 1, 1, 1, 3, 2, 1, 1, 3, 1, 0)	74
16853	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 7, 0)	28
16855	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 5, 4, 2, 2, 1, 1, 2, 4, 1, 1, 1, 1, 2, 2, 2, 1, 1, 4, 1, 1, 0)	57

16857	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 1, 2, 1, 1, 1, 2, 1, 2, 6, 1, 2, 0)	57
16859	(8, 2, 5, 1, 1, 2, 1, 4, 2, 1, 2, 2, 5, 1, 1, 2, 1, 0)	18
16861	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 1, 2, 1, 1, 1, 2, 1, 4, 3, 1, 3, 0)	57
16863	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 4, 1, 4, 1, 4, 1, 1, 2, 6, 1, 1, 1, 3, 1, 1, 1, 1, 0)	33
16865	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 3, 1, 3, 6, 1, 1, 1, 2, 2, 0)	21
16867	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 7, 1, 0)	28
16869	(8, 2, 5, 1, 1, 2, 3, 3, 3, 1, 1, 2, 1, 1, 2, 1, 4, 0)	18
16871	(8, 2, 3, 2, 3, 6, 1, 1, 4, 1, 1, 3, 1, 1, 2, 1, 1, 0)	18
16873	(8, 2, 5, 1, 1, 2, 3, 3, 1, 2, 5, 1, 2, 1, 1, 1, 2, 0)	18
16875	(8, 2, 3, 2, 5, 3, 3, 3, 1, 2, 1, 1, 1, 1, 2, 2, 1, 0)	18
16877	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 1, 2, 1, 1, 3, 1, 3, 2, 1, 2, 3, 0)	57
16879	(4, 3, 2, 5, 4, 1, 2, 3, 1, 3, 3, 1, 2, 2, 5, 2, 1, 2, 1, 1, 2, 1, 1, 2, 1, 1, 1, 0)	28
16881	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 5, 1, 5, 2, 0)	28
16883	(8, 2, 3, 6, 2, 1, 2, 2, 1, 2, 1, 1, 3, 1, 2, 3, 1, 0)	18
16885	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 2, 2, 1, 1, 1, 5, 0)	62
16887	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 3, 5, 1, 3, 1, 1, 1, 1, 2, 5, 2, 2, 2, 1, 1, 2, 1, 1, 1, 1, 1, 2, 3, 1, 1, 0)	38
16889	(8, 2, 5, 1, 3, 1, 5, 1, 2, 1, 2, 2, 2, 1, 2, 1, 2, 0)	18
16891	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 3, 1, 1, 1, 3, 4, 1, 2, 1, 2, 1, 0)	57
16893	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 3, 1, 1, 5, 2, 1, 1, 1, 1, 1, 3, 0)	57
16895	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 7, 2, 1, 4, 1, 1, 1, 3, 5, 1, 1, 1, 3, 1, 1, 1, 2, 1, 2, 2, 2, 1, 1, 1, 1, 1, 1, 1, 1, 0)	74
16897	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 9, 1, 2, 2, 2, 2, 0)	45
16899	(10, 1, 1, 4, 2, 3, 1, 1, 1, 2, 2, 1, 2, 3, 2, 4, 1, 0)	18
16901	(10, 1, 1, 4, 2, 3, 1, 1, 1, 2, 2, 3, 1, 1, 2, 2, 4, 0)	18

16903	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 2, 2, 1, 1, 2, 1, 2, 3, 1, 4, 1, 1, 1, 1, 2, 2, 1, 2, 4, 1, 1, 2, 3, 2, 1, 1, 0)	74
16905	(10, 1, 1, 4, 2, 3, 1, 1, 1, 2, 2, 1, 6, 2, 1, 1, 2, 0)	18
16907	(10, 1, 1, 4, 2, 3, 1, 1, 1, 2, 2, 3, 1, 3, 3, 2, 1, 0)	18
16909	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 1, 4, 4, 3, 0)	28
16911	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 4, 3, 2, 2, 1, 1, 1, 5, 1, 1, 3, 3, 2, 2, 1, 1, 2, 1, 2, 1, 1, 2, 2, 1, 1, 2, 1, 1, 5, 1, 1, 1, 0)	74
16913	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 1, 6, 3, 2, 0)	28
16915	(10, 1, 1, 4, 2, 3, 1, 1, 1, 4, 1, 3, 2, 2, 1, 3, 1, 0)	18
16917	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 3, 1, 2, 6, 0)	28
16919	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 5, 2, 5, 1, 1, 0)	28
16921	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 7, 1, 3, 1, 2, 0)	28
16923	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 1, 2, 1, 1, 2, 3, 4, 1, 1, 2, 3, 1, 2, 4, 1, 1, 1, 1, 2, 1, 0)	38
16925	(4, 5, 7, 1, 2, 1, 4, 2, 1, 3, 0)	11
16927	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 1, 2, 1, 3, 1, 1, 2, 4, 2, 1, 2, 1, 3, 3, 2, 2, 1, 1, 1, 1, 0)	38
16929	(4, 5, 7, 1, 2, 3, 3, 1, 2, 2, 0)	11
16931	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 3, 3, 5, 1, 0)	28
16933	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 4, 2, 3, 2, 4, 1, 2, 1, 1, 1, 2, 2, 1, 6, 3, 1, 1, 1, 1, 1, 1, 1, 2, 1, 1, 1, 2, 1, 1, 4, 0)	74
16935	(4, 5, 7, 3, 1, 5, 1, 2, 1, 1, 0)	11
16937	(4, 5, 1, 5, 2, 3, 3, 5, 1, 2, 1, 3, 3, 2, 2, 1, 2, 1, 1, 1, 1, 2, 1, 2, 3, 1, 1, 1, 1, 2, 2, 2, 2, 1, 1, 3, 1, 1, 2, 1, 2, 1, 2, 2, 1, 2, 1, 1, 1, 1, 2, 0)	52
16939	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 7, 2, 2, 1, 0)	28
16941	(10, 1, 3, 3, 1, 2, 1, 4, 1, 1, 2, 1, 2, 1, 3, 2, 3, 0)	18
16943	(10, 1, 1, 6, 1, 5, 3, 2, 1, 2, 1, 1, 2, 2, 1, 1, 1, 0)	18
16945	(10, 1, 3, 3, 1, 2, 1, 4, 1, 1, 2, 3, 1, 1, 1, 4, 2, 0)	18
16947	(10, 1, 3, 3, 1, 2, 1, 4, 1, 1, 2, 3, 1, 1, 3, 3, 1, 0)	18
16949	(4, 3, 2, 1, 1, 6, 5, 5, 0)	9
16951	(4, 3, 2, 1, 1, 4, 2, 2, 3, 1, 4, 2, 4, 4, 1, 1, 2, 1, 1, 1, 1, 4, 1, 2, 2, 2, 1, 3, 1, 3, 1, 1, 1, 1, 3, 1, 1, 0)	38
16953	(8, 8, 1, 1, 4, 1, 3, 1, 2, 1, 1, 1, 2, 2, 2, 1, 2, 0)	18
16955	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 5, 4, 1, 2, 1, 0)	28

16957	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 4, 1, 1, 3, 0)	28
16959	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 6, 6, 1, 1, 1, 1, 1, 0)	28
16961	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 1, 2, 1, 1, 1, 1, 3, 4, 2, 2, 0)	38
16963	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 1, 2, 1, 1, 1, 1, 5, 1, 4, 1, 0)	38
16965	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 3, 1, 1, 1, 1, 1, 1, 2, 3, 4, 0)	38
16967	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 7, 1, 2, 2, 1, 1, 0)	28
16969	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 5, 3, 1, 2, 3, 1, 3, 1, 1, 2, 0)	28
16971	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 3, 1, 1, 1, 1, 1, 1, 6, 2, 1, 0)	38
16973	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 3, 1, 1, 1, 1, 1, 3, 1, 3, 3, 0)	38
16975	(4, 3, 2, 1, 1, 4, 4, 5, 2, 1, 2, 3, 2, 1, 2, 1, 3, 2, 3, 1, 2, 2, 1, 1, 1, 2, 1, 1, 1, 2, 2, 1, 1, 3, 1, 1, 1, 4, 1, 1, 1, 2, 1, 2, 3, 3, 1, 1, 1, 0)	50
16977	(4, 3, 2, 1, 3, 1, 4, 3, 7, 1, 2, 2, 1, 2, 1, 2, 1, 1, 3, 2, 0)	21
16979	(4, 3, 2, 1, 3, 1, 4, 3, 7, 1, 2, 2, 1, 2, 3, 1, 1, 1, 3, 1, 0)	21
16981	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 8, 0)	45
16983	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 1, 2, 1, 5, 3, 1, 2, 1, 1, 1, 1, 1, 1, 3, 4, 1, 1, 0)	38
16985	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 1, 2, 1, 5, 3, 3, 1, 1, 1, 1, 1, 1, 1, 1, 4, 1, 2, 0)	38
16987	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 1, 2, 1, 3, 4, 2, 3, 1, 2, 1, 2, 1, 2, 1, 1, 2, 1, 0)	38
16989	(4, 3, 2, 1, 1, 12, 1, 3, 0)	9
16991	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 6, 2, 2, 2, 4, 1, 1, 1, 1, 0)	28
16993	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 3, 1, 3, 2, 2, 4, 1, 1, 2, 2, 0)	28
16995	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 5, 2, 2, 2, 1, 6, 1, 0)	45
16997	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 5, 2, 2, 2, 3, 1, 4, 0)	45
16999	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 3, 1, 5, 5, 1, 1, 1, 2, 1, 1, 0)	28
17001	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 2, 2, 1, 5, 1, 2, 1, 2, 3, 2, 1, 2, 2, 2, 3, 1, 1, 2, 1, 1, 1, 1, 1, 3, 2, 1, 1, 1, 1, 1, 1, 1, 1, 1, 2, 1, 2, 2, 1, 2, 3, 1, 2, 3, 2, 1, 3, 1, 1, 1, 2, 0)	74
17003	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 1, 5, 1, 2, 1, 2, 1, 1, 1, 4, 3, 2, 1, 2, 2, 1, 0)	28
17005	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 1, 5, 1, 2, 1, 2, 1, 1, 3, 3, 2, 1, 1, 1, 2, 3, 0)	28
17007	(4, 3, 6, 4, 4, 3, 1, 1, 3, 1, 1, 1, 2, 5, 1, 1, 2, 1, 1, 1, 2, 2, 2, 1, 1, 2, 1, 1, 1, 2, 1, 4, 2, 2, 1, 2, 1, 1, 1, 0)	40
17009	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 7, 2, 0)	45
17011	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 1, 5, 1, 2, 3, 1, 1, 1, 3, 2, 1, 1, 2, 2, 3, 1, 0)	28
17013	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 5, 0)	26

17015	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 2, 6, 3, 1, 1, 0)	26
17017	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 7, 5, 1, 1, 2, 1, 2, 0)	45
17019	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 3, 2, 2, 2, 2, 2, 3, 1, 1, 2, 1, 2, 1, 2, 2, 2, 1, 1, 4, 2, 1, 2, 1, 0)	57
17021	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 4, 1, 1, 3, 1, 1, 1, 1, 5, 5, 1, 2, 1, 4, 1, 3, 1, 2, 1, 1, 1, 2, 2, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 4, 1, 1, 1, 2, 2, 3, 2, 1, 1, 1, 1, 2, 1, 1, 1, 3, 0)	74
17023	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 3, 2, 2, 6, 1, 3, 2, 1, 2, 3, 1, 1, 1, 1, 1, 3, 1, 1, 1, 2, 3, 1, 1, 7, 1, 1, 1, 1, 2, 1, 3, 1, 1, 1, 1, 2, 2, 1, 2, 1, 4, 1, 1, 2, 1, 1, 1, 2, 2, 2, 2, 3, 2, 1, 1, 1, 1, 2, 1, 2, 1, 1, 1, 1, 1, 1, 0)	79
17025	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 5, 3, 2, 1, 1, 2, 3, 1, 1, 1, 1, 1, 1, 1, 2, 2, 5, 1, 1, 1, 2, 2, 2, 0)	57
17027	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 5, 4, 1, 0)	45
17029	(4, 9, 4, 2, 1, 1, 2, 1, 2, 4, 0)	11
17031	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 4, 3, 4, 2, 1, 1, 0)	26
17033	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 5, 3, 2, 1, 1, 2, 1, 2, 1, 1, 1, 1, 7, 1, 1, 1, 3, 1, 1, 2, 1, 1, 2, 0)	57
17035	(4, 9, 4, 2, 1, 3, 1, 3, 2, 1, 0)	11
17037	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 4, 1, 1, 5, 3, 0)	45
17039	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 5, 3, 2, 1, 1, 2, 3, 1, 1, 1, 1, 1, 5, 2, 2, 1, 1, 1, 1, 4, 1, 1, 1, 0)	57
17041	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 3, 3, 2, 1, 2, 3, 2, 0)	26
17043	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 3, 3, 2, 3, 1, 3, 1, 0)	26
17045	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 3, 1, 3, 2, 1, 1, 1, 1, 6, 0)	26
17047	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 4, 1, 7, 1, 1, 0)	45
17049	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 2, 2, 1, 2, 2, 4, 1, 1, 2, 1, 3, 1, 2, 3, 1, 2, 0)	62
17051	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 1, 3, 1, 2, 2, 1, 4, 1, 1, 1, 2, 3, 2, 1, 3, 1, 2, 1, 2, 3, 2, 1, 1, 4, 2, 1, 1, 1, 2, 1, 1, 1, 2, 1, 0)	50
17053	(4, 3, 2, 1, 7, 4, 1, 1, 2, 3, 4, 2, 2, 4, 1, 2, 1, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 1, 1, 3, 2, 1, 3, 1, 2, 1, 1, 1, 1, 2, 1, 2, 1, 3, 0)	45
17055	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 2, 2, 1, 2, 2, 2, 6, 2, 3, 1, 1, 2, 1, 1, 1, 1, 0)	62
17057	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 6, 2, 2, 1, 2, 1, 2, 2, 0)	26

17059	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 3, 1, 5, 1, 1, 1, 1, 5, 1, 0)	26
17061	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 2, 2, 1, 4, 5, 1, 1, 2, 2, 1, 1, 1, 1, 1, 1, 4, 0)	62
17063	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 3, 2, 2, 6, 1, 3, 2, 1, 2, 1, 2, 1, 1, 0)	26
17065	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 2, 2, 1, 4, 3, 6, 2, 1, 1, 1, 1, 1, 1, 1, 1, 2, 0)	62
17067	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 4, 1, 3, 2, 1, 1, 2, 1, 1, 1, 4, 2, 2, 2, 2, 1, 0)	62
17069	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 5, 3, 2, 2, 2, 3, 0)	45
17071	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 4, 1, 3, 2, 1, 1, 2, 1, 1, 3, 3, 3, 2, 1, 1, 1, 0)	62
17073	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 4, 1, 2, 3, 2, 1, 1, 1, 2, 2, 1, 1, 2, 2, 4, 2, 0)	62
17075	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 4, 1, 2, 3, 2, 1, 1, 1, 2, 2, 1, 1, 2, 4, 3, 1, 0)	62
17077	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 5, 0)	21
17079	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 9, 2, 1, 3, 1, 1, 0)	45
17081	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 4, 1, 2, 3, 2, 1, 1, 1, 2, 2, 1, 3, 3, 2, 1, 2, 0)	62
17083	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 4, 1, 3, 4, 1, 2, 1, 3, 1, 2, 1, 0)	26
17085	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 4, 1, 2, 3, 2, 1, 1, 1, 4, 1, 1, 3, 2, 1, 1, 3, 0)	62
17087	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 1, 8, 1, 3, 2, 2, 1, 1, 2, 2, 1, 1, 1, 1, 1, 6, 2, 1, 1, 1, 1, 2, 2, 1, 1, 1, 1, 0)	74
17089	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 6, 3, 2, 2, 0)	21
17091	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 5, 4, 2, 2, 1, 1, 4, 1, 0)	45
17093	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 4, 1, 2, 4, 4, 0)	21
17095	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 7, 1, 2, 4, 2, 2, 1, 1, 0)	45
17097	(4, 3, 2, 5, 4, 1, 2, 1, 2, 3, 2, 5, 1, 1, 2, 0)	16
17099	(4, 3, 2, 5, 4, 1, 2, 1, 2, 5, 1, 1, 4, 2, 1, 0)	16
17101	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 4, 1, 4, 3, 3, 0)	21

17103	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 4, 3, 4, 1, 4, 1, 1, 1, 3, 1, 1, 1, 0)	26
17105	(4, 3, 2, 5, 4, 1, 2, 3, 1, 1, 4, 2, 1, 3, 2, 0)	16
17107	(4, 3, 2, 5, 4, 1, 2, 3, 1, 1, 6, 1, 1, 3, 1, 0)	16
17109	(8, 2, 3, 2, 7, 0)	6
17111	(4, 3, 2, 5, 4, 1, 2, 3, 1, 3, 3, 1, 4, 1, 1, 0)	16
17113	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 4, 3, 5, 1, 2, 0)	21
17115	(4, 3, 2, 5, 2, 6, 3, 3, 1, 1, 3, 1, 1, 2, 1, 0)	16
17117	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 3, 5, 1, 3, 1, 1, 1, 1, 2, 1, 3, 1, 3, 0)	26
17119	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 3, 5, 1, 1, 2, 1, 1, 5, 3, 1, 1, 1, 1, 0)	26
17121	(10, 1, 3, 3, 1, 2, 1, 4, 1, 1, 2, 1, 2, 1, 5, 1, 1, 3, 1, 1, 2, 1, 2, 1, 1, 2, 1, 2, 2, 2, 2, 1, 1, 3, 1, 2, 1, 3, 2, 1, 4, 1, 1, 1, 2, 1, 3, 1, 1, 2, 1, 2, 1, 1, 1, 1, 2, 2, 0)	59
17123	(8, 2, 3, 8, 1, 0)	6
17125	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 5, 2, 1, 3, 2, 1, 4, 0)	45
17127	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 1, 4, 2, 1, 1, 6, 1, 2, 1, 1, 3, 1, 1, 2, 4, 2, 1, 1, 2, 1, 1, 2, 1, 1, 0)	38
17129	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 9, 1, 1, 2, 2, 1, 1, 2, 2, 1, 1, 1, 2, 0)	26
17131	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 0)	50
17133	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 3, 0)	45
17135	(4, 3, 2, 5, 4, 9, 1, 2, 1, 1, 1, 2, 1, 1, 1, 0)	16
17137	(8, 2, 5, 5, 2, 0)	6
17139	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 5, 2, 2, 1, 2, 4, 1, 1, 1, 1, 1, 2, 3, 1, 0)	26
17141	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 2, 2, 1, 1, 2, 1, 2, 3, 1, 2, 2, 1, 1, 5, 0)	62
17143	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 4, 3, 2, 2, 1, 1, 1, 5, 1, 1, 1, 4, 1, 1, 2, 2, 2, 3, 1, 1, 0)	62
17145	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 2, 2, 1, 1, 2, 1, 2, 1, 4, 4, 1, 2, 1, 2, 0)	62
17147	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 4, 3, 2, 2, 1, 1, 1, 5, 1, 1, 3, 3, 2, 2, 1, 1, 2, 1, 2, 1, 0)	62
17149	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 7, 1, 4, 2, 1, 1, 1, 1, 3, 0)	45

17151	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 6, 2, 2, 5, 1, 1, 3, 1, 2, 4, 4, 1, 1, 1, 1, 1, 1, 2, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 2, 1, 2, 3, 2, 2, 1, 1, 1, 1, 1, 1, 1, 0)	86
17153	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 3, 3, 4, 2, 2, 2, 0)	21
17155	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 3, 5, 1, 2, 4, 1, 0)	21
17157	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 1, 2, 1, 1, 2, 3, 2, 4, 0)	26
17159	(4, 3, 2, 7, 3, 4, 2, 1, 2, 2, 1, 3, 2, 1, 1, 0)	16
17161	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 2, 2, 1, 1, 2, 3, 1, 5, 1, 2, 2, 1, 1, 2, 0)	62
17163	(4, 3, 2, 1, 1, 4, 4, 1, 5, 3, 1, 1, 1, 5, 1, 2, 1, 5, 1, 1, 1, 1, 1, 1, 3, 1, 1, 2, 1, 1, 3, 1, 1, 2, 3, 2, 1, 0)	38
17165	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 1, 2, 1, 3, 1, 1, 4, 3, 0)	26
17167	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 1, 2, 1, 1, 8, 1, 1, 1, 0)	26
17169	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 1, 2, 1, 3, 1, 3, 3, 2, 0)	26
17171	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 4, 2, 3, 2, 4, 1, 2, 1, 1, 1, 2, 2, 3, 1, 2, 1, 3, 1, 0)	62
17173	(10, 1, 1, 4, 6, 0)	6
17175	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 7, 1, 2, 1, 1, 5, 1, 1, 0)	45
17177	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 7, 3, 1, 1, 1, 3, 1, 2, 0)	45
17179	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 6, 2, 2, 2, 2, 2, 1, 1, 1, 1, 1, 2, 3, 1, 4, 1, 3, 2, 1, 4, 3, 3, 3, 1, 1, 3, 1, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 1, 1, 1, 1, 3, 1, 1, 1, 1, 1, 1, 2, 1, 0)	69
17181	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 3, 1, 1, 3, 2, 2, 1, 3, 0)	26
17183	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 3, 1, 1, 2, 1, 2, 2, 2, 1, 4, 1, 2, 1, 1, 2, 3, 2, 1, 1, 1, 1, 4, 1, 3, 1, 3, 2, 1, 1, 1, 1, 1, 0)	50
17185	(4, 3, 2, 1, 1, 4, 2, 2, 3, 1, 4, 2, 4, 4, 1, 1, 2, 1, 1, 1, 1, 4, 1, 2, 2, 0)	26
17187	(8, 6, 2, 5, 1, 0)	6
17189	(8, 8, 1, 1, 4, 0)	6
17191	(4, 3, 2, 1, 3, 1, 2, 4, 6, 1, 2, 2, 2, 1, 1, 3, 1, 1, 2, 2, 1, 5, 5, 1, 1, 1, 1, 2, 1, 1, 1, 1, 4, 1, 2, 1, 3, 1, 2, 1, 1, 1, 1, 1, 3, 1, 2, 1, 1, 0)	50
17193	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 3, 1, 3, 2, 4, 1, 1, 1, 1, 2, 0)	26
17195	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 5, 2, 2, 3, 2, 2, 1, 0)	21
17197	(4, 3, 2, 1, 3, 3, 3, 6, 1, 1, 1, 1, 1, 1, 3, 2, 1, 4, 2, 3, 0)	21
17199	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 7, 3, 2, 2, 1, 1, 1, 0)	21

17201	(4, 3, 2, 1, 3, 3, 3, 6, 1, 1, 1, 1, 1, 1, 3, 2, 3, 1, 4, 2, 0)	21
17203	(4, 3, 2, 1, 3, 3, 3, 6, 1, 1, 1, 1, 1, 1, 3, 2, 3, 3, 3, 1, 0)	21
17205	(10, 1, 3, 3, 5, 0)	6
17207	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 5, 3, 2, 3, 2, 2, 1, 3, 1, 1, 4, 1, 1, 2, 1, 3, 1, 1, 3, 1, 1, 0)	62
17209	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 4, 1, 3, 1, 2, 3, 1, 3, 2, 1, 2, 2, 1, 2, 0)	26
17211	(4, 3, 2, 1, 3, 3, 3, 6, 1, 1, 1, 1, 1, 1, 5, 1, 5, 1, 2, 1, 0)	21
17213	(4, 3, 2, 1, 1, 4, 4, 5, 2, 1, 2, 3, 2, 1, 2, 1, 3, 2, 3, 1, 2, 2, 1, 1, 1, 2, 1, 1, 1, 2, 2, 1, 1, 3, 1, 1, 3, 0)	38
17215	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 1, 4, 2, 3, 2, 1, 4, 2, 1, 2, 2, 2, 3, 1, 1, 1, 1, 1, 0)	62
17217	(10, 1, 7, 2, 2, 0)	6
17219	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 3, 1, 6, 1, 1, 1, 1, 2, 1, 2, 3, 1, 1, 2, 2, 1, 4, 1, 0)	62
17221	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 1, 2, 1, 3, 4, 0)	26
17223	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 7, 3, 1, 2, 1, 1, 2, 2, 1, 1, 0)	45
17225	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 1, 6, 3, 1, 1, 2, 0)	26
17227	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 1, 3, 1, 2, 5, 2, 1, 0)	26
17229	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 3, 3, 0)	26
17231	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 3, 3, 2, 2, 1, 2, 1, 2, 1, 4, 2, 3, 1, 1, 1, 0)	26
17233	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 3, 3, 1, 4, 2, 4, 1, 1, 2, 1, 1, 1, 2, 1, 1, 1, 3, 2, 0)	62
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17237	(4, 3, 2, 1, 3, 1, 4, 9, 0)	9
17239	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 1, 1, 1, 1, 4, 2, 1, 1, 1, 3, 1, 1, 1, 2, 1, 1, 4, 1, 2, 1, 2, 3, 1, 1, 1, 2, 4, 1, 1, 0)	50
17241	(10, 5, 4, 1, 2, 0)	6
17243	(4, 3, 6, 4, 4, 3, 1, 1, 3, 1, 1, 1, 2, 5, 1, 1, 2, 1, 1, 1, 2, 2, 2, 1, 1, 2, 1, 0)	28
17245	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 2, 2, 1, 5, 1, 2, 1, 2, 3, 2, 1, 2, 2, 2, 3, 1, 1, 2, 1, 1, 1, 1, 1, 3, 2, 1, 1, 1, 1, 1, 1, 1, 1, 1, 2, 1, 4, 1, 3, 0)	62
17247	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 4, 1, 1, 1, 1, 1, 1, 1, 1, 3, 6, 1, 1, 1, 1, 0)	26

17249	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 1, 1, 1, 1, 4, 2, 1, 1, 1, 3, 1, 1, 3, 1, 1, 3, 2, 1, 2, 1, 2, 3, 1, 1, 2, 1, 1, 2, 2, 0)	50
17251	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 1, 3, 6, 1, 0)	16
17253	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 1, 5, 1, 4, 0)	16
17255	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 5, 3, 2, 2, 2, 3, 3, 2, 1, 2, 1, 1, 1, 1, 1, 1, 2, 2, 1, 2, 1, 4, 1, 4, 3, 1, 2, 1, 1, 1, 2, 3, 1, 1, 1, 4, 1, 1, 2, 1, 1, 1, 1, 1, 2, 1, 1, 0)	86
17257	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 4, 1, 1, 3, 1, 1, 1, 1, 5, 5, 1, 2, 1, 4, 1, 3, 1, 2, 1, 1, 1, 2, 2, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 4, 1, 1, 1, 2, 0)	62
17259	(16, 1, 2, 2, 1, 0)	6
17261	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 3, 2, 2, 2, 2, 2, 3, 1, 1, 2, 3, 0)	45
17263	(4, 3, 2, 1, 3, 3, 5, 3, 1, 2, 2, 2, 2, 4, 3, 1, 2, 1, 1, 1, 0)	21
17265	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 6, 2, 0)	16
17267	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 5, 2, 3, 1, 0)	16
17269	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 5, 0)	16
17271	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 1, 2, 2, 2, 4, 1, 2, 3, 3, 1, 1, 0)	62
17273	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 2, 5, 1, 4, 1, 6, 2, 1, 2, 2, 1, 2, 2, 1, 1, 1, 1, 2, 1, 1, 1, 2, 1, 2, 0)	38
17275	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 3, 4, 5, 1, 1, 1, 2, 2, 1, 2, 1, 0)	45
17277	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 5, 3, 2, 1, 1, 2, 3, 1, 1, 1, 3, 0)	45
17279	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 2, 5, 3, 3, 6, 1, 1, 2, 1, 1, 2, 2, 1, 1, 1, 3, 1, 3, 1, 1, 1, 1, 1, 1, 0)	38
17281	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 1, 2, 4, 3, 2, 1, 2, 1, 2, 2, 2, 0)	62
17283	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 1, 4, 3, 2, 1, 1, 1, 1, 3, 4, 1, 0)	62
17285	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 1, 4, 5, 1, 1, 1, 1, 1, 1, 2, 4, 0)	62
17287	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 1, 4, 3, 2, 1, 1, 1, 5, 2, 1, 1, 0)	62
17289	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 1, 3, 1, 2, 2, 1, 4, 1, 1, 3, 1, 1, 4, 2, 2, 1, 2, 1, 2, 1, 1, 2, 0)	38
17291	(4, 3, 2, 1, 7, 4, 1, 1, 2, 3, 4, 2, 2, 4, 1, 2, 1, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 1, 1, 3, 2, 1, 0)	33
17293	(4, 3, 2, 1, 3, 1, 10, 3, 0)	9

17295	(4, 5, 1, 1, 3, 4, 2, 4, 3, 2, 2, 4, 1, 1, 1, 0)	16
17297	(4, 5, 1, 1, 5, 1, 2, 2, 2, 4, 2, 2, 2, 3, 2, 0)	16
17299	(4, 5, 1, 1, 5, 1, 2, 2, 2, 4, 2, 4, 1, 3, 1, 0)	16
17301	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 2, 2, 1, 6, 0)	50
17303	(4, 5, 1, 1, 5, 1, 2, 2, 4, 1, 2, 2, 6, 1, 1, 0)	16
17305	(4, 5, 1, 1, 5, 1, 2, 2, 4, 1, 2, 4, 3, 1, 2, 0)	16
17307	(4, 5, 1, 1, 3, 4, 4, 3, 2, 5, 1, 1, 1, 2, 1, 0)	16
17309	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 3, 1, 1, 3, 2, 1, 1, 4, 2, 1, 1, 2, 1, 3, 0)	62
17311	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 1, 3, 9, 1, 1, 1, 1, 1, 2, 1, 1, 1, 3, 1, 1, 4, 1, 2, 1, 1, 1, 1, 0)	38
17313	(4, 5, 1, 1, 5, 1, 2, 2, 4, 3, 3, 2, 1, 2, 2, 0)	16
17315	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 4, 1, 5, 1, 0)	50
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17323	(4, 5, 1, 1, 3, 6, 5, 1, 1, 3, 1, 2, 2, 2, 1, 0)	16
17325	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 6, 2, 2, 1, 3, 1, 2, 2, 1, 1, 2, 2, 3, 0)	45
17327	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 9, 2, 1, 1, 1, 0)	50
17329	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 2, 4, 4, 2, 0)	50
17331	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 2, 6, 3, 1, 0)	50
17333	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 4, 1, 2, 5, 0)	50
17335	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 3, 1, 3, 2, 3, 2, 1, 1, 2, 5, 1, 3, 1, 1, 0)	45
17337	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 3, 1, 3, 2, 3, 2, 1, 3, 1, 1, 4, 2, 1, 2, 0)	45
17339	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 3, 1, 3, 2, 3, 2, 1, 3, 1, 3, 3, 1, 2, 1, 0)	45

17341	(4, 3, 2, 1, 3, 7, 2, 1, 4, 1, 4, 3, 1, 1, 1, 1, 2, 1, 1, 3, 0)	21
17343	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 1, 3, 1, 1, 1, 1, 4, 1, 2, 1, 1, 1, 3, 2, 2, 3, 2, 5, 1, 1, 2, 1, 2, 1, 1, 1, 1, 1, 0)	57
17345	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 6, 2, 1, 3, 2, 2, 0)	50
17347	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 8, 1, 1, 1, 4, 1, 0)	50
17349	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 5, 4, 0)	14
17351	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 3, 1, 5, 1, 1, 4, 4, 1, 1, 2, 2, 2, 1, 1, 0)	45
17353	(4, 5, 1, 1, 5, 1, 4, 3, 2, 3, 1, 4, 1, 1, 2, 0)	16
17355	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 3, 3, 4, 2, 1, 0)	50
17357	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 1, 4, 2, 1, 3, 1, 2, 1, 1, 2, 3, 3, 0)	26
17359	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 7, 3, 2, 1, 1, 1, 1, 1, 2, 1, 2, 2, 1, 1, 3, 1, 3, 1, 1, 1, 0)	62
17361	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 1, 4, 2, 1, 3, 1, 2, 1, 3, 1, 3, 2, 0)	26
17363	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 1, 4, 2, 1, 1, 6, 1, 2, 1, 1, 3, 1, 0)	26
17365	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 7, 0)	14
17367	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 2, 2, 1, 1, 1, 1, 4, 3, 2, 2, 1, 3, 2, 1, 1, 1, 2, 1, 1, 1, 1, 4, 1, 1, 0)	38
17369	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 8, 1, 2, 0)	14
17371	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 5, 4, 1, 1, 2, 1, 0)	50
17373	(4, 5, 1, 1, 5, 3, 3, 2, 1, 1, 3, 2, 3, 1, 3, 0)	16
17375	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 3, 1, 1, 1, 1, 0)	38
17377	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 5, 4, 1, 2, 1, 1, 1, 3, 3, 2, 1, 1, 1, 1, 1, 3, 1, 4, 1, 3, 2, 1, 1, 1, 1, 1, 1, 2, 2, 1, 1, 1, 2, 2, 0)	57
17379	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 7, 1, 0)	14
17381	(4, 5, 1, 1, 5, 3, 5, 1, 1, 1, 3, 1, 2, 1, 4, 0)	16
17383	(4, 5, 1, 1, 5, 3, 3, 2, 1, 7, 1, 1, 2, 1, 1, 0)	16
17385	(4, 5, 1, 5, 2, 1, 4, 2, 2, 3, 2, 3, 3, 4, 1, 1, 1, 1, 2, 1, 1, 1, 2, 1, 1, 1, 2, 0)	28
17387	(4, 5, 1, 5, 2, 1, 4, 4, 1, 3, 3, 1, 3, 1, 1, 1, 2, 1, 1, 2, 3, 1, 1, 1, 2, 2, 1, 0)	28

17389	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 3, 1, 1, 1, 1, 1, 3, 1, 3, 3, 1, 1, 2, 2, 1, 1, 2, 4, 2, 2, 1, 1, 1, 1, 1, 2, 2, 1, 4, 1, 1, 1, 1, 1, 1, 2, 1, 2, 3, 0)	67
17391	(4, 5, 1, 5, 2, 1, 6, 3, 2, 2, 1, 2, 1, 1, 3, 1, 1, 3, 1, 2, 3, 1, 1, 2, 1, 1, 1, 0)	28
17393	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 4, 3, 2, 2, 1, 1, 5, 2, 0)	50
17395	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 3, 3, 4, 1, 2, 1, 2, 4, 2, 1, 1, 1, 1, 1, 2, 1, 1, 1, 1, 1, 2, 1, 1, 4, 2, 2, 2, 1, 2, 3, 1, 0)	74
17397	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 4, 3, 4, 1, 1, 1, 1, 5, 0)	50
17399	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 3, 3, 4, 1, 2, 1, 2, 4, 2, 1, 1, 1, 1, 1, 2, 1, 1, 1, 1, 1, 2, 1, 3, 1, 2, 4, 1, 2, 3, 1, 1, 0)	74
17401	(4, 3, 2, 1, 1, 4, 4, 1, 3, 6, 1, 2, 1, 2, 2, 1, 4, 2, 1, 1, 2, 1, 2, 1, 2, 0)	26
17403	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 3, 3, 4, 1, 2, 1, 2, 4, 2, 1, 1, 1, 1, 1, 2, 1, 1, 1, 1, 1, 2, 1, 3, 3, 3, 2, 1, 2, 1, 2, 1, 0)	74
17405	(4, 3, 2, 1, 1, 4, 4, 1, 5, 3, 1, 1, 1, 5, 1, 2, 1, 5, 1, 1, 1, 1, 1, 1, 3, 0)	26
17407	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 7, 1, 1, 1, 2, 1, 3, 1, 1, 3, 2, 5, 1, 2, 1, 1, 4, 1, 1, 1, 1, 1, 1, 1, 1, 1, 0)	38
17409	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 2, 2, 1, 3, 2, 1, 1, 2, 4, 2, 2, 2, 2, 0)	62
17411	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 2, 2, 1, 3, 2, 1, 1, 4, 1, 2, 2, 4, 1, 0)	62
17413	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 4, 2, 3, 2, 2, 4, 0)	50
17415	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 2, 2, 1, 3, 2, 1, 1, 4, 3, 3, 2, 1, 1, 0)	62
17417	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 8, 2, 1, 3, 2, 1, 1, 2, 0)	50
17419	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 4, 2, 5, 3, 2, 1, 0)	50
17421	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 4, 3, 0)	50
17423	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 3, 1, 1, 2, 1, 2, 2, 2, 1, 4, 1, 2, 1, 1, 2, 5, 1, 1, 1, 0)	38

17425	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 4, 3, 2, 0)	50
17427	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 4, 6, 2, 1, 3, 1, 0)	50
17429	(4, 3, 2, 1, 1, 4, 2, 2, 3, 1, 4, 2, 6, 0)	14
17431	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 3, 5, 1, 1, 0)	50
17433	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 1, 2, 3, 4, 2, 1, 1, 2, 2, 1, 1, 1, 3, 1, 2, 1, 3, 1, 2, 0)	38
17435	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 1, 5, 1, 2, 1, 2, 1, 1, 3, 3, 2, 1, 1, 3, 1, 1, 6, 3, 1, 2, 1, 2, 4, 2, 1, 1, 1, 1, 2, 1, 2, 1, 1, 1, 2, 1, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 0)	57
17437	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 4, 1, 1, 1, 4, 2, 2, 1, 1, 3, 2, 1, 3, 0)	62
17439	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 2, 6, 1, 2, 1, 1, 2, 2, 2, 2, 1, 2, 1, 5, 2, 3, 2, 2, 2, 2, 1, 1, 1, 1, 1, 1, 1, 1, 2, 2, 1, 1, 1, 1, 0)	55
17441	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 4, 1, 1, 1, 4, 4, 1, 1, 1, 3, 1, 2, 2, 0)	62
17443	(4, 3, 2, 1, 1, 4, 2, 2, 3, 1, 6, 5, 1, 0)	14
17445	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 5, 3, 2, 3, 2, 2, 1, 1, 4, 0)	50
17447	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 4, 1, 1, 3, 1, 4, 1, 2, 4, 1, 2, 1, 1, 0)	62
17449	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 1, 2, 6, 2, 1, 1, 3, 1, 1, 1, 1, 2, 2, 1, 1, 2, 1, 4, 2, 1, 3, 2, 1, 1, 1, 1, 2, 0)	38
17451	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 5, 5, 1, 1, 2, 4, 2, 2, 1, 0)	50
17453	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 1, 4, 2, 3, 2, 3, 0)	50
17455	(4, 3, 2, 1, 1, 4, 4, 5, 2, 1, 2, 3, 2, 1, 2, 1, 3, 2, 3, 1, 2, 2, 1, 1, 1, 0)	26
17457	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 1, 6, 1, 1, 4, 2, 0)	50
17459	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 1, 6, 1, 3, 3, 1, 0)	50
17461	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 4, 5, 0)	14

17463	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 3, 1, 7, 1, 1, 1, 1, 1, 2, 3, 4, 1, 1, 1, 3, 1, 1, 0)	45
17465	(4, 3, 8, 1, 2, 2, 1, 1, 4, 2, 3, 2, 2, 1, 2, 0)	16
17467	(4, 3, 8, 1, 2, 2, 1, 1, 6, 1, 1, 4, 1, 2, 1, 0)	16
17469	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 3, 1, 6, 1, 1, 3, 0)	50
17471	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 9, 2, 3, 4, 1, 1, 1, 1, 1, 0)	50
17473	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 3, 3, 1, 4, 2, 2, 0)	50
17475	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 3, 3, 3, 1, 4, 1, 0)	50
17477	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 3, 3, 4, 0)	14
17479	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 7, 2, 1, 1, 2, 2, 1, 2, 2, 1, 2, 2, 1, 1, 0)	62
17481	(4, 3, 6, 4, 4, 3, 1, 1, 3, 1, 1, 3, 1, 1, 2, 0)	16
17483	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 7, 2, 1, 0)	14
17485	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 1, 1, 1, 1, 4, 2, 1, 1, 1, 3, 1, 1, 1, 2, 1, 3, 3, 0)	38
17487	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 1, 1, 1, 1, 4, 2, 1, 1, 1, 1, 2, 1, 5, 3, 1, 1, 1, 0)	38
17489	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 1, 1, 1, 1, 4, 2, 1, 1, 1, 3, 1, 1, 3, 1, 1, 3, 2, 0)	38
17491	(4, 3, 8, 1, 4, 1, 5, 2, 1, 2, 1, 1, 1, 3, 1, 0)	16
17493	(4, 3, 2, 1, 3, 3, 3, 8, 0)	9
17495	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 4, 1, 1, 0)	14
17497	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 2, 3, 4, 2, 2, 1, 2, 2, 1, 4, 1, 2, 0)	26
17499	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 1, 1, 1, 3, 1, 4, 2, 2, 2, 2, 1, 1, 2, 1, 1, 2, 1, 0)	38
17501	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 1, 2, 5, 1, 1, 1, 2, 1, 5, 1, 3, 0)	26
17503	(4, 3, 8, 7, 2, 1, 1, 2, 1, 1, 4, 1, 1, 1, 1, 0)	16
17505	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 1, 2, 3, 2, 1, 5, 3, 1, 1, 2, 2, 0)	26
17507	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 1, 2, 5, 1, 1, 3, 1, 1, 1, 6, 1, 0)	26
17509	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 1, 2, 5, 1, 1, 3, 1, 1, 3, 1, 4, 0)	26
17511	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 5, 1, 1, 1, 3, 2, 2, 2, 1, 5, 1, 3, 3, 1, 2, 1, 1, 1, 2, 1, 1, 0)	45
17513	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 1, 2, 3, 2, 5, 2, 3, 1, 1, 1, 2, 0)	26

17515	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 1, 2, 1, 1, 1, 2, 1, 4, 1, 2, 3, 5, 1, 1, 1, 1, 1, 2, 1, 1, 2, 3, 1, 2, 1, 2, 2, 1, 0)	74
17517	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 2, 2, 1, 1, 1, 1, 1, 2, 4, 1, 2, 2, 1, 3, 2, 3, 1, 1, 1, 1, 1, 2, 3, 0)	79
17519	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 1, 2, 3, 8, 1, 2, 1, 2, 1, 1, 1, 0)	26
17521	(4, 3, 2, 1, 3, 3, 9, 2, 0)	9
17523	(4, 3, 2, 1, 7, 2, 2, 5, 1, 4, 1, 1, 1, 1, 1, 2, 2, 2, 3, 1, 0)	21
17525	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 1, 3, 1, 2, 2, 1, 2, 2, 1, 5, 0)	26
17527	(4, 3, 2, 1, 1, 4, 2, 2, 7, 4, 3, 1, 1, 0)	14
17529	(4, 3, 2, 1, 7, 4, 1, 1, 2, 5, 1, 2, 2, 2, 2, 1, 1, 2, 1, 2, 0)	21
17531	(4, 3, 2, 1, 7, 4, 1, 3, 1, 3, 1, 1, 2, 2, 2, 3, 2, 1, 2, 1, 0)	21
17533	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 1, 1, 4, 2, 4, 2, 1, 1, 1, 3, 0)	26
17535	(4, 3, 2, 1, 7, 4, 1, 1, 6, 2, 1, 4, 2, 2, 1, 1, 1, 1, 1, 1, 0)	21
17537	(8, 2, 3, 6, 2, 1, 2, 2, 1, 2, 1, 1, 3, 1, 2, 1, 2, 1, 3, 1, 2, 1, 1, 3, 2, 2, 1, 1, 2, 1, 1, 2, 2, 2, 0)	35
17539	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 1, 2, 1, 3, 4, 4, 1, 0)	50
17541	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 1, 2, 1, 5, 1, 2, 4, 0)	50
17543	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 6, 2, 1, 4, 2, 1, 1, 1, 4, 2, 1, 1, 0)	26
17545	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 4, 1, 1, 1, 1, 1, 3, 2, 1, 1, 5, 3, 2, 2, 1, 1, 1, 1, 1, 2, 1, 1, 2, 0)	79
17547	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 3, 1, 1, 5, 2, 1, 1, 1, 1, 1, 1, 1, 4, 2, 2, 2, 1, 1, 1, 2, 1, 1, 2, 2, 1, 3, 2, 1, 0)	74
17549	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 1, 2, 5, 3, 0)	50
17551	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 4, 3, 6, 1, 4, 1, 1, 1, 0)	50
17553	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 4, 5, 3, 1, 1, 2, 3, 2, 0)	50
17555	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 4, 5, 3, 1, 3, 1, 3, 1, 0)	50

17557	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 6, 0)	50
17559	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 1, 8, 1, 1, 0)	50
17561	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 1, 2, 5, 2, 3, 1, 2, 0)	50
17563	(10, 1, 1, 4, 2, 3, 1, 1, 1, 2, 2, 1, 2, 5, 3, 2, 1, 1, 1, 3, 3, 1, 1, 2, 1, 1, 2, 2, 2, 1, 1, 1, 2, 1, 0)	35
17565	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 4, 3, 3, 1, 1, 1, 3, 1, 1, 2, 3, 1, 2, 1, 3, 0)	62
17567	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 9, 1, 4, 1, 1, 1, 2, 1, 1, 1, 1, 0)	26
17569	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 4, 1, 6, 1, 2, 3, 1, 2, 1, 1, 1, 2, 1, 2, 2, 0)	62
17571	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 8, 2, 1, 2, 1, 1, 5, 1, 0)	50
17573	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 8, 2, 3, 1, 1, 1, 1, 4, 0)	50
17575	(10, 1, 1, 4, 2, 3, 1, 1, 1, 4, 1, 3, 2, 2, 1, 3, 3, 1, 1, 1, 2, 1, 1, 1, 1, 3, 4, 1, 1, 2, 1, 2, 1, 1, 0)	35
17577	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 2, 2, 1, 1, 2, 1, 2, 3, 1, 4, 1, 1, 1, 3, 3, 4, 3, 1, 1, 1, 1, 1, 3, 1, 1, 2, 2, 1, 2, 2, 1, 2, 1, 2, 1, 3, 1, 1, 1, 1, 1, 1, 2, 0)	91
17579	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 5, 2, 2, 2, 1, 0)	50
17581	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 1, 3, 1, 1, 1, 1, 4, 1, 2, 1, 1, 1, 3, 2, 2, 3, 0)	45
17583	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 1, 1, 2, 1, 1, 3, 2, 2, 3, 3, 1, 3, 2, 1, 1, 1, 0)	45
17585	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 1, 3, 1, 1, 1, 1, 4, 3, 1, 1, 1, 1, 1, 2, 4, 2, 0)	45
17587	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 1, 3, 1, 1, 1, 1, 4, 3, 1, 1, 1, 1, 1, 4, 3, 1, 0)	45
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17597	(10, 1, 3, 3, 1, 2, 1, 4, 1, 1, 2, 1, 2, 1, 5, 1, 1, 3, 1, 1, 2, 1, 2, 1, 1, 2, 1, 2, 2, 2, 2, 1, 1, 3, 0)	35

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17601	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 2, 2, 1, 1, 1, 1, 2, 2, 2, 3, 2, 2, 0)	26
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17629	(4, 5, 1, 5, 2, 3, 1, 2, 4, 2, 1, 1, 3, 1, 3, 0)	16
17631	(4, 5, 1, 5, 2, 1, 6, 3, 2, 2, 3, 1, 1, 1, 1, 0)	16
17633	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 3, 1, 1, 1, 1, 1, 3, 1, 3, 3, 1, 1, 2, 2, 1, 1, 2, 4, 2, 2, 1, 1, 1, 1, 1, 2, 2, 0)	55
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17637	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 7, 1, 1, 1, 2, 1, 1, 2, 1, 1, 2, 2, 1, 4, 0)	26
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17641	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 3, 3, 2, 7, 2, 1, 1, 1, 2, 0)	50
17643	(4, 5, 1, 5, 2, 3, 3, 5, 1, 2, 1, 1, 2, 2, 1, 0)	16
17645	(4, 3, 2, 1, 1, 4, 4, 1, 3, 6, 1, 2, 3, 0)	14

17647	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 4, 1, 1, 3, 1, 4, 1, 2, 4, 3, 1, 1, 1, 3, 3, 3, 1, 2, 1, 1, 2, 2, 2, 1, 1, 1, 1, 1, 5, 1, 1, 4, 1, 3, 1, 1, 2, 2, 1, 1, 1, 1, 1, 2, 1, 1, 1, 1, 1, 2, 1, 1, 1, 0)	103
17649	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 5, 2, 0)	14
17651	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 3, 5, 1, 5, 1, 1, 2, 3, 1, 0)	50
17653	(4, 3, 2, 1, 1, 4, 4, 1, 5, 3, 1, 1, 5, 0)	14
17655	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 4, 1, 1, 1, 3, 2, 1, 2, 2, 1, 1, 1, 4, 2, 3, 1, 1, 0)	43
17657	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 4, 1, 1, 1, 3, 2, 1, 2, 2, 1, 1, 3, 3, 1, 2, 1, 2, 0)	43
17659	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 5, 2, 1, 4, 3, 2, 1, 1, 3, 2, 1, 1, 2, 1, 1, 1, 1, 2, 2, 2, 3, 1, 1, 1, 2, 1, 2, 1, 0)	45
17661	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 3, 3, 4, 1, 2, 1, 2, 4, 2, 1, 1, 1, 1, 3, 1, 1, 1, 1, 3, 0)	62
17663	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 2, 2, 1, 5, 4, 1, 3, 1, 2, 3, 1, 1, 1, 1, 1, 1, 1, 0)	43
17665	(4, 3, 2, 1, 3, 1, 2, 4, 6, 1, 2, 2, 2, 1, 1, 3, 1, 1, 2, 2, 1, 3, 2, 2, 2, 0)	26
17667	(4, 3, 2, 1, 3, 1, 2, 4, 6, 1, 2, 2, 2, 1, 1, 3, 1, 1, 4, 1, 1, 1, 2, 4, 1, 0)	26
17669	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 5, 2, 4, 0)	33
17671	(4, 3, 2, 1, 3, 1, 2, 4, 6, 1, 2, 2, 2, 1, 1, 1, 6, 2, 1, 1, 1, 3, 2, 1, 1, 0)	26
17673	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 7, 2, 1, 1, 2, 2, 1, 2, 2, 1, 2, 2, 1, 1, 4, 1, 3, 1, 1, 1, 1, 3, 1, 2, 2, 1, 2, 1, 1, 3, 1, 1, 2, 2, 2, 2, 1, 1, 1, 1, 1, 1, 1, 2, 3, 1, 2, 1, 1, 2, 2, 2, 1, 1, 2, 0)	103
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17677	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 3, 1, 1, 2, 1, 4, 3, 0)	26
17679	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 1, 2, 3, 6, 1, 1, 1, 0)	26
17681	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 3, 1, 1, 2, 3, 3, 2, 0)	26
17683	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 9, 1, 3, 1, 1, 2, 1, 3, 1, 0)	50
17685	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 3, 1, 1, 3, 6, 0)	33
17687	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 3, 1, 3, 1, 5, 1, 1, 0)	26
17689	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 1, 4, 1, 1, 2, 2, 3, 3, 1, 2, 1, 1, 3, 1, 2, 0)	26
17691	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 7, 3, 1, 2, 1, 2, 1, 1, 1, 1, 1, 4, 4, 1, 3, 1, 1, 2, 1, 1, 1, 2, 1, 2, 1, 1, 1, 3, 1, 1, 1, 2, 1, 1, 1, 1, 1, 2, 1, 0)	55

17693	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 1, 2, 6, 2, 1, 1, 3, 1, 1, 1, 1, 2, 2, 1, 3, 0)	26
17695	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 1, 2, 6, 2, 1, 1, 1, 2, 1, 5, 2, 1, 1, 1, 1, 0)	26
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17699	(4, 3, 2, 1, 1, 4, 4, 5, 2, 1, 2, 5, 1, 0)	14
17701	(4, 3, 2, 1, 1, 4, 4, 5, 2, 3, 1, 1, 4, 0)	14
17703	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 1, 6, 3, 1, 1, 1, 4, 3, 1, 2, 1, 1, 0)	26
17705	(4, 3, 2, 1, 3, 1, 2, 6, 1, 8, 1, 1, 1, 1, 4, 2, 1, 2, 1, 3, 1, 1, 1, 1, 2, 0)	26
17707	(4, 3, 2, 1, 1, 4, 4, 7, 1, 3, 2, 2, 1, 0)	14
17709	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 3, 1, 5, 2, 3, 0)	33
17711	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 5, 4, 1, 2, 2, 2, 1, 1, 1, 0)	26
17713	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 4, 1, 1, 1, 2, 1, 1, 1, 1, 2, 3, 1, 2, 1, 4, 2, 0)	38
17715	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 4, 1, 1, 1, 2, 1, 1, 1, 1, 2, 3, 1, 2, 3, 3, 1, 0)	38
17717	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 3, 5, 0)	50
17719	(4, 3, 2, 1, 3, 1, 2, 6, 3, 5, 4, 1, 1, 1, 1, 4, 1, 1, 1, 2, 1, 1, 3, 1, 1, 0)	26
17721	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 1, 6, 1, 4, 2, 3, 1, 3, 1, 1, 1, 2, 2, 1, 2, 0)	26
17723	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 3, 7, 1, 2, 1, 0)	33
17725	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 3, 2, 2, 6, 1, 3, 2, 1, 2, 3, 1, 1, 1, 1, 1, 3, 1, 1, 1, 2, 1, 2, 1, 1, 1, 2, 3, 1, 1, 3, 0)	43
17727	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 1, 6, 3, 3, 1, 2, 3, 3, 1, 3, 1, 1, 1, 1, 1, 0)	26
17729	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 5, 2, 2, 0)	50
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17737	(4, 3, 2, 1, 1, 4, 10, 1, 2, 3, 1, 1, 2, 0)	14
17739	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 3, 1, 1, 1, 5, 2, 1, 0)	50
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17743	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 3, 1, 1, 1, 2, 2, 4, 2, 1, 2, 3, 1, 1, 1, 0)	26

17745	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 3, 1, 1, 1, 1, 1, 1, 3, 2, 0)	26
17747	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 9, 2, 1, 1, 2, 3, 1, 4, 1, 1, 1, 4, 1, 2, 1, 1, 1, 1, 1, 1, 1, 3, 1, 0)	62
17749	(4, 3, 12, 0)	4
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17755	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 5, 4, 2, 2, 1, 1, 2, 4, 1, 1, 1, 1, 2, 2, 2, 1, 1, 2, 2, 3, 2, 1, 1, 2, 1, 0)	62
17757	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 5, 1, 1, 1, 3, 2, 4, 1, 3, 0)	33
17759	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 1, 2, 1, 1, 1, 2, 1, 4, 1, 2, 3, 5, 1, 1, 1, 1, 0)	62
17761	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 1, 2, 1, 1, 1, 2, 1, 4, 3, 1, 3, 2, 1, 1, 2, 2, 0)	62
17763	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 2, 2, 1, 1, 1, 1, 2, 2, 6, 1, 0)	67
17765	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 2, 2, 1, 1, 1, 1, 2, 4, 1, 4, 0)	67
17767	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 3, 1, 3, 4, 2, 5, 2, 1, 1, 1, 1, 2, 1, 1, 0)	26
17769	(8, 2, 5, 1, 1, 2, 3, 3, 3, 1, 1, 2, 1, 1, 2, 1, 2, 5, 1, 1, 1, 2, 0)	23
17771	(8, 2, 5, 1, 1, 2, 3, 3, 3, 1, 1, 2, 1, 1, 2, 3, 1, 3, 1, 2, 2, 1, 0)	23
17773	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 5, 1, 1, 5, 2, 1, 1, 2, 3, 0)	33
17775	(8, 2, 5, 1, 1, 2, 3, 3, 1, 2, 5, 1, 2, 1, 1, 1, 4, 1, 2, 1, 1, 1, 0)	23
17777	(4, 3, 2, 1, 7, 2, 6, 2, 0)	9
17779	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 2, 2, 1, 1, 1, 1, 3, 3, 2, 3, 1, 0)	67
17781	(4, 3, 2, 1, 7, 4, 1, 5, 0)	9
17783	(8, 2, 3, 6, 2, 1, 2, 2, 1, 2, 1, 1, 3, 1, 2, 1, 2, 1, 3, 3, 1, 1, 0)	23
17785	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 1, 2, 1, 1, 3, 7, 1, 1, 2, 1, 1, 1, 1, 2, 1, 2, 0)	62
17787	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 2, 2, 1, 1, 1, 5, 2, 2, 1, 2, 1, 0)	67

17789	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 4, 1, 1, 1, 1, 1, 5, 1, 1, 1, 3, 0)	67
17791	(8, 2, 5, 1, 1, 6, 4, 3, 1, 2, 1, 2, 1, 1, 1, 4, 1, 1, 1, 1, 1, 1, 0)	23
17793	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 3, 1, 1, 5, 2, 1, 1, 1, 1, 1, 1, 3, 1, 2, 2, 2, 0)	62
17795	(4, 3, 2, 1, 9, 3, 4, 1, 0)	9
17797	(10, 1, 1, 4, 2, 3, 1, 1, 1, 2, 2, 3, 1, 1, 2, 2, 2, 2, 1, 1, 2, 4, 0)	23
17799	(4, 3, 2, 1, 13, 2, 1, 1, 0)	9
17801	(10, 1, 1, 4, 2, 3, 1, 1, 1, 2, 2, 1, 2, 3, 2, 2, 4, 1, 2, 1, 1, 2, 0)	23
17803	(10, 1, 1, 4, 2, 3, 1, 1, 1, 2, 2, 3, 1, 1, 2, 2, 4, 1, 1, 3, 2, 1, 0)	23
17805	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 2, 6, 3, 0)	50
17807	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 1, 4, 2, 2, 4, 4, 1, 1, 1, 0)	33
17809	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 3, 1, 2, 2, 2, 3, 2, 3, 2, 0)	33
17811	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 3, 1, 2, 2, 2, 5, 1, 3, 1, 0)	33
17813	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 4, 1, 6, 0)	50
17815	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 3, 1, 2, 4, 1, 1, 6, 1, 1, 0)	33
17817	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 3, 1, 2, 4, 1, 3, 3, 1, 2, 0)	33
17819	(10, 1, 1, 4, 2, 3, 1, 1, 1, 4, 1, 3, 2, 2, 1, 3, 3, 1, 1, 1, 2, 1, 0)	23
17821	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 5, 2, 5, 1, 1, 1, 1, 2, 1, 3, 0)	33
17823	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 5, 6, 1, 3, 3, 1, 3, 2, 2, 1, 1, 3, 1, 1, 1, 1, 2, 1, 1, 2, 1, 2, 1, 1, 1, 1, 0)	62
17825	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 3, 1, 4, 3, 2, 2, 1, 2, 2, 0)	33
17827	(4, 3, 2, 1, 1, 6, 3, 2, 4, 2, 1, 5, 1, 0)	14
17829	(4, 3, 2, 1, 1, 6, 3, 2, 6, 1, 1, 1, 4, 0)	14
17831	(4, 5, 7, 1, 2, 1, 6, 1, 1, 3, 2, 1, 2, 1, 1, 0)	16
17833	(4, 5, 7, 1, 2, 3, 1, 4, 4, 1, 1, 1, 1, 1, 2, 0)	16
17835	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 3, 3, 5, 1, 1, 2, 2, 2, 1, 0)	33
17837	(4, 3, 2, 1, 1, 6, 3, 4, 3, 1, 2, 2, 3, 0)	14

17839	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 4, 2, 3, 2, 4, 1, 2, 1, 1, 1, 2, 2, 1, 6, 3, 1, 1, 1, 1, 1, 1, 1, 2, 1, 1, 1, 2, 1, 3, 1, 4, 2, 1, 1, 1, 0)	79
17841	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 3, 3, 4, 2, 0)	50
17843	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 3, 5, 3, 1, 0)	50
17845	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 1, 1, 2, 5, 0)	33
17847	(10, 1, 3, 3, 1, 2, 1, 4, 1, 1, 2, 1, 2, 1, 5, 1, 1, 3, 1, 3, 1, 1, 0)	23
17849	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 7, 2, 1, 2, 0)	50
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17853	(4, 3, 2, 1, 1, 6, 5, 5, 1, 2, 1, 1, 3, 0)	14
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17857	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 3, 1, 1, 3, 2, 2, 0)	33
17859	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 5, 4, 1, 2, 1, 1, 1, 1, 4, 1, 0)	33
17861	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 4, 0)	14
17863	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 4, 1, 1, 3, 2, 2, 2, 1, 1, 0)	33
17865	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 6, 4, 1, 1, 2, 0)	50
17867	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 3, 1, 1, 1, 1, 1, 1, 2, 3, 2, 1, 2, 4, 2, 1, 0)	43
17869	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 4, 1, 3, 2, 3, 3, 0)	50
17871	(4, 3, 2, 1, 3, 3, 3, 6, 1, 1, 1, 1, 1, 1, 3, 2, 1, 4, 2, 3, 6, 1, 2, 1, 1, 1, 1, 1, 2, 1, 1, 2, 1, 3, 1, 1, 1, 0)	38
17873	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 4, 1, 5, 1, 3, 2, 0)	50
17875	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 5, 3, 1, 2, 3, 1, 3, 1, 1, 2, 2, 1, 1, 3, 1, 0)	33
17877	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 1, 7, 0)	14
17879	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 3, 1, 1, 1, 1, 1, 3, 1, 3, 3, 1, 1, 4, 1, 1, 0)	43
17881	(4, 3, 2, 1, 1, 10, 2, 1, 1, 1, 6, 1, 2, 0)	14
17883	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 4, 7, 1, 1, 2, 1, 0)	50

17885	(4, 3, 2, 1, 1, 10, 2, 1, 1, 3, 3, 1, 3, 0)	14
17887	(4, 3, 2, 1, 1, 4, 4, 5, 2, 1, 2, 3, 2, 1, 2, 1, 3, 2, 3, 1, 2, 2, 1, 1, 1, 2, 1, 1, 1, 2, 2, 1, 1, 1, 2, 7, 1, 1, 1, 1, 1, 4, 1, 1, 2, 1, 2, 1, 1, 3, 1, 1, 1, 1, 0)	55
17889	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 1, 2, 1, 5, 3, 1, 2, 1, 1, 1, 1, 1, 1, 3, 2, 2, 3, 1, 1, 1, 2, 2, 0)	43
17891	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 7, 1, 0)	14
17893	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 6, 2, 2, 2, 2, 2, 1, 1, 1, 1, 1, 2, 1, 4, 0)	33
17895	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 1, 2, 1, 3, 4, 2, 3, 1, 2, 1, 2, 1, 2, 1, 1, 2, 3, 1, 1, 2, 1, 1, 0)	43
17897	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 1, 6, 1, 3, 1, 2, 5, 2, 1, 1, 3, 2, 2, 3, 1, 1, 3, 1, 1, 1, 1, 1, 1, 1, 1, 1, 3, 1, 2, 1, 2, 1, 1, 1, 2, 0)	79
17899	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 1, 6, 3, 1, 3, 1, 1, 1, 1, 2, 4, 3, 2, 1, 1, 1, 1, 1, 1, 1, 2, 2, 1, 0)	43
17901	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 5, 2, 2, 2, 3, 1, 2, 2, 2, 1, 2, 3, 0)	50
17903	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 5, 2, 1, 4, 3, 2, 1, 1, 3, 2, 1, 1, 2, 1, 1, 1, 0)	33
17905	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 2, 2, 1, 5, 2, 0)	31
17907	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 3, 3, 4, 1, 2, 3, 1, 0)	50
17909	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 4, 1, 1, 1, 5, 0)	31
17911	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 1, 5, 1, 2, 1, 2, 1, 1, 1, 4, 3, 2, 1, 2, 2, 1, 1, 2, 3, 1, 1, 0)	33
17913	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 1, 5, 1, 2, 1, 2, 1, 1, 3, 3, 2, 1, 1, 1, 2, 3, 2, 1, 2, 1, 2, 0)	33
17915	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 1, 5, 1, 2, 1, 2, 1, 1, 3, 3, 2, 1, 1, 3, 1, 3, 1, 2, 1, 2, 1, 0)	33
17917	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 9, 1, 1, 1, 1, 1, 3, 0)	50
17919	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 7, 2, 1, 1, 2, 2, 1, 2, 2, 1, 2, 2, 1, 1, 4, 1, 3, 1, 1, 1, 1, 3, 1, 2, 2, 1, 2, 1, 1, 3, 1, 1, 2, 2, 4, 1, 1, 1, 1, 1, 1, 1, 1, 0)	91
17921	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 2, 6, 1, 2, 1, 1, 2, 2, 2, 2, 0)	31
17923	(4, 3, 2, 1, 3, 1, 2, 4, 4, 4, 2, 4, 1, 0)	14
17925	(4, 3, 2, 1, 3, 1, 2, 4, 6, 1, 2, 2, 4, 0)	14
17927	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 3, 1, 1, 3, 2, 3, 2, 1, 1, 0)	31
17929	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 4, 1, 1, 3, 1, 1, 1, 1, 5, 5, 1, 2, 1, 4, 1, 3, 1, 2, 1, 1, 1, 2, 2, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 4, 1, 1, 1, 2, 2, 3, 2, 1, 1, 1, 1, 2, 1, 1, 1, 1, 4, 2, 1, 1, 2, 0)	79
17931	(4, 3, 2, 1, 3, 1, 2, 4, 6, 3, 3, 2, 1, 0)	14

17933	(4, 3, 2, 1, 3, 1, 2, 6, 1, 2, 3, 4, 3, 0)	14
17935	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 5, 2, 2, 1, 5, 1, 1, 1, 0)	50
17937	(4, 3, 2, 1, 3, 1, 2, 6, 1, 2, 5, 3, 2, 0)	14
17939	(4, 9, 4, 2, 1, 1, 2, 1, 4, 1, 2, 2, 1, 3, 1, 0)	16
17941	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 1, 2, 6, 0)	14
17943	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 4, 1, 1, 5, 1, 1, 2, 5, 1, 1, 0)	50
17945	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 4, 1, 1, 5, 1, 3, 1, 3, 1, 2, 0)	50
17947	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 2, 5, 1, 4, 1, 6, 2, 1, 2, 2, 1, 2, 2, 1, 1, 1, 1, 2, 1, 1, 1, 2, 1, 2, 1, 2, 1, 1, 4, 1, 2, 1, 1, 3, 3, 1, 1, 1, 1, 2, 1, 0)	55
17949	(4, 3, 2, 1, 3, 1, 2, 6, 1, 6, 2, 1, 3, 0)	14
17951	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 6, 4, 2, 2, 2, 1, 1, 1, 1, 0)	50
17953	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 3, 1, 3, 2, 1, 1, 1, 1, 4, 2, 3, 1, 2, 2, 0)	31
17955	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 3, 5, 1, 0)	14
17957	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 3, 1, 3, 2, 1, 1, 1, 3, 3, 1, 2, 1, 1, 4, 0)	31
17959	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 3, 1, 3, 2, 1, 1, 1, 3, 1, 6, 1, 2, 1, 1, 0)	31
17961	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 9, 1, 3, 1, 1, 1, 2, 1, 1, 1, 1, 2, 0)	31
17963	(4, 3, 2, 1, 3, 1, 2, 6, 3, 5, 2, 2, 1, 0)	14
17965	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 2, 2, 1, 4, 5, 1, 1, 2, 2, 1, 1, 1, 1, 1, 1, 2, 1, 1, 3, 2, 3, 0)	67
17967	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 2, 2, 1, 2, 2, 2, 6, 2, 3, 1, 3, 1, 1, 1, 1, 1, 2, 2, 1, 1, 1, 0)	67
17969	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 2, 2, 1, 4, 5, 1, 1, 2, 2, 1, 1, 1, 1, 1, 3, 1, 1, 1, 1, 4, 2, 0)	67
17971	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 2, 2, 1, 4, 5, 1, 1, 2, 2, 1, 1, 1, 1, 1, 3, 1, 1, 1, 3, 3, 1, 0)	67
17973	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 1, 6, 5, 0)	14
17975	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 3, 2, 2, 6, 1, 3, 2, 1, 2, 3, 1, 1, 1, 1, 1, 3, 1, 1, 0)	31

17977	(4, 3, 2, 1, 3, 1, 2, 10, 2, 2, 2, 1, 2, 0)	14
17979	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 5, 3, 2, 2, 2, 1, 2, 4, 1, 2, 1, 0)	50
17981	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 4, 1, 1, 3, 0)	26
17983	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 5, 3, 2, 4, 1, 5, 1, 1, 1, 1, 1, 0)	50
17985	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 4, 1, 1, 1, 2, 4, 2, 2, 0)	26
17987	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 4, 1, 1, 1, 4, 1, 4, 1, 0)	26
17989	(4, 3, 2, 1, 3, 1, 4, 1, 2, 5, 2, 3, 4, 0)	14
17991	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 9, 2, 1, 1, 2, 3, 1, 2, 2, 1, 1, 0)	50
17993	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 4, 1, 2, 3, 2, 1, 1, 1, 2, 2, 1, 3, 3, 2, 1, 2, 1, 3, 1, 1, 2, 0)	67
17995	(4, 3, 2, 1, 3, 1, 4, 1, 2, 5, 6, 2, 1, 0)	14
17997	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 3, 3, 0)	14
17999	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 4, 1, 2, 3, 2, 1, 1, 1, 4, 1, 1, 5, 1, 1, 1, 1, 3, 3, 1, 1, 1, 0)	67
18001	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 5, 4, 2, 2, 1, 1, 2, 2, 2, 1, 1, 3, 2, 0)	50
18003	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 5, 4, 2, 2, 1, 1, 2, 4, 1, 1, 1, 3, 1, 0)	50
18005	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 8, 0)	14
18007	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 4, 1, 4, 1, 2, 2, 3, 4, 1, 1, 0)	26
18009	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 4, 1, 4, 1, 4, 1, 1, 4, 1, 2, 0)	26
18011	(4, 3, 2, 5, 4, 1, 2, 1, 2, 3, 2, 5, 1, 3, 1, 2, 1, 1, 2, 1, 0)	21
18013	(8, 2, 5, 1, 1, 2, 1, 6, 1, 3, 0)	11
18015	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 4, 1, 4, 3, 3, 4, 1, 1, 1, 1, 0)	26
18017	(8, 2, 3, 2, 3, 6, 1, 1, 2, 2, 0)	11
18019	(8, 2, 5, 1, 1, 2, 3, 1, 6, 1, 0)	11
18021	(8, 2, 5, 1, 1, 2, 3, 3, 1, 4, 0)	11
18023	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 8, 2, 1, 1, 3, 4, 1, 1, 1, 1, 3, 1, 1, 1, 2, 1, 1, 0)	31

18025	(4, 3, 2, 5, 4, 1, 2, 3, 1, 3, 3, 1, 4, 1, 1, 3, 1, 1, 1, 2, 0)	21
18027	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 4, 3, 5, 1, 2, 2, 1, 2, 2, 1, 0)	26
18029	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 3, 5, 1, 3, 1, 1, 1, 1, 2, 1, 3, 1, 3, 1, 1, 1, 2, 3, 0)	31
18031	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 3, 5, 1, 3, 1, 1, 1, 1, 2, 1, 1, 6, 2, 1, 2, 1, 1, 1, 0)	31
18033	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 7, 2, 0)	14
18035	(8, 2, 3, 6, 2, 1, 2, 2, 3, 1, 0)	11
18037	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 1, 2, 1, 5, 0)	50
18039	(8, 2, 5, 1, 3, 1, 5, 3, 1, 1, 0)	11
18041	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 5, 2, 1, 3, 2, 3, 3, 1, 1, 2, 1, 2, 0)	50
18043	(8, 2, 5, 1, 3, 5, 2, 1, 2, 1, 0)	11
18045	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 3, 0)	55
18047	(4, 5, 1, 1, 5, 3, 3, 2, 1, 1, 3, 2, 1, 2, 1, 3, 1, 6, 1, 4, 1, 2, 2, 1, 1, 2, 1, 1, 1, 1, 1, 1, 0)	33
18049	(4, 3, 2, 5, 4, 9, 1, 2, 1, 1, 1, 2, 1, 1, 1, 1, 1, 2, 2, 2, 0)	21
18051	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 7, 4, 1, 0)	14
18053	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 2, 2, 1, 1, 2, 1, 2, 3, 1, 4, 1, 1, 1, 1, 2, 2, 1, 2, 4, 0)	67
18055	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 2, 2, 1, 1, 2, 1, 2, 3, 1, 2, 2, 1, 1, 3, 2, 4, 2, 1, 1, 0)	67
18057	(4, 5, 1, 1, 5, 3, 3, 2, 1, 1, 5, 1, 3, 2, 2, 2, 5, 1, 1, 1, 1, 1, 1, 1, 2, 2, 1, 1, 2, 1, 1, 2, 0)	33
18059	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 2, 2, 1, 1, 2, 1, 2, 3, 1, 4, 1, 1, 1, 1, 4, 1, 3, 2, 1, 0)	67
18061	(10, 1, 1, 4, 2, 1, 2, 1, 5, 3, 0)	11
18063	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 4, 3, 2, 2, 1, 1, 1, 5, 1, 1, 3, 3, 2, 2, 1, 1, 2, 1, 2, 1, 1, 4, 1, 1, 1, 0)	67
18065	(4, 3, 2, 1, 3, 1, 4, 1, 8, 1, 2, 3, 2, 0)	14
18067	(4, 3, 2, 1, 3, 1, 4, 1, 8, 3, 1, 3, 1, 0)	14
18069	(10, 1, 1, 4, 2, 3, 1, 1, 1, 6, 0)	11
18071	(10, 1, 1, 4, 2, 1, 2, 7, 1, 1, 0)	11

18073	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 1, 2, 1, 1, 2, 3, 4, 1, 1, 2, 3, 1, 2, 0)	31
18075	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 4, 3, 2, 2, 1, 1, 7, 1, 3, 3, 1, 1, 1, 1, 1, 2, 1, 3, 1, 2, 1, 1, 1, 2, 1, 0)	67
18077	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 1, 2, 1, 3, 1, 1, 2, 4, 2, 1, 2, 1, 3, 0)	31
18079	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 2, 2, 1, 1, 2, 3, 1, 3, 4, 4, 1, 2, 1, 1, 2, 1, 1, 1, 1, 0)	67
18081	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 1, 2, 1, 3, 1, 1, 4, 3, 1, 2, 1, 2, 2, 0)	31
18083	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 4, 2, 3, 2, 4, 1, 2, 1, 1, 1, 2, 2, 3, 1, 2, 1, 1, 2, 1, 1, 1, 5, 1, 0)	67
18085	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 4, 2, 3, 2, 4, 1, 2, 1, 1, 1, 2, 2, 3, 1, 2, 1, 3, 1, 1, 1, 1, 1, 4, 0)	67
18087	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 1, 2, 1, 3, 1, 3, 5, 1, 2, 1, 2, 1, 1, 0)	31
18089	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 4, 2, 3, 2, 4, 1, 2, 1, 1, 1, 2, 2, 1, 6, 3, 1, 1, 1, 1, 1, 1, 1, 2, 0)	67
18091	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 7, 1, 2, 1, 1, 3, 2, 1, 2, 2, 2, 2, 1, 0)	50
18093	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 3, 1, 1, 3, 2, 2, 1, 1, 1, 2, 2, 2, 3, 0)	31
18095	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 7, 3, 1, 1, 1, 3, 1, 2, 3, 2, 1, 1, 1, 0)	50
18097	(4, 3, 2, 1, 3, 1, 4, 3, 1, 5, 2, 4, 2, 0)	14
18099	(4, 3, 2, 1, 3, 1, 4, 3, 1, 5, 4, 3, 1, 0)	14
18101	(10, 1, 3, 3, 1, 2, 1, 2, 2, 5, 0)	11
18103	(4, 3, 2, 1, 1, 4, 2, 2, 3, 1, 4, 2, 4, 4, 1, 1, 2, 1, 1, 1, 1, 4, 1, 2, 2, 2, 1, 3, 1, 1, 0)	31
18105	(8, 8, 1, 1, 2, 2, 3, 2, 1, 2, 0)	11
18107	(8, 8, 1, 1, 4, 1, 3, 1, 2, 1, 0)	11
18109	(10, 1, 3, 1, 4, 4, 2, 1, 1, 3, 0)	11
18111	(8, 8, 5, 2, 2, 1, 1, 1, 1, 1, 0)	11
18113	(10, 1, 3, 3, 1, 2, 3, 3, 2, 2, 0)	11
18115	(4, 3, 2, 1, 3, 3, 3, 6, 1, 1, 1, 1, 1, 1, 3, 2, 1, 6, 1, 1, 2, 1, 1, 4, 1, 0)	26
18117	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 4, 0)	21
18119	(10, 1, 3, 3, 1, 6, 2, 2, 1, 1, 0)	11

18121	(10, 1, 3, 3, 3, 1, 5, 1, 1, 2, 0)	11
18123	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 5, 3, 2, 3, 2, 2, 1, 3, 1, 1, 4, 1, 1, 2, 1, 3, 1, 1, 1, 2, 1, 1, 1, 4, 2, 1, 0)	67
18125	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 5, 3, 3, 0)	21
18127	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 4, 1, 3, 1, 2, 1, 2, 7, 2, 1, 2, 1, 1, 1, 1, 3, 1, 1, 1, 0)	31
18129	(4, 3, 2, 1, 1, 4, 4, 5, 2, 1, 2, 3, 2, 1, 2, 1, 3, 2, 3, 1, 2, 2, 1, 1, 1, 2, 1, 1, 1, 2, 2, 1, 1, 3, 1, 1, 1, 2, 2, 1, 3, 2, 0)	43
18131	(4, 3, 2, 1, 1, 4, 4, 5, 2, 1, 2, 3, 2, 1, 2, 1, 3, 2, 3, 1, 2, 2, 1, 1, 1, 2, 1, 1, 1, 2, 2, 1, 1, 3, 1, 1, 1, 4, 1, 1, 3, 1, 0)	43
18133	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 7, 0)	21
18135	(4, 3, 2, 1, 3, 1, 4, 3, 7, 1, 4, 1, 1, 0)	14
18137	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 1, 2, 5, 1, 2, 0)	31
18139	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 3, 1, 6, 1, 1, 1, 1, 2, 1, 2, 3, 1, 1, 2, 2, 1, 4, 1, 3, 1, 1, 2, 1, 0)	67
18141	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 3, 1, 3, 0)	31
18143	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 1, 2, 1, 5, 3, 3, 1, 1, 1, 1, 0)	31
18145	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 1, 6, 3, 1, 3, 1, 1, 1, 1, 2, 2, 0)	31
18147	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 8, 1, 0)	21
18149	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 5, 2, 1, 4, 0)	21
18151	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 3, 1, 4, 2, 1, 5, 2, 1, 2, 4, 1, 1, 1, 1, 2, 2, 1, 2, 1, 1, 2, 1, 1, 0)	67
18153	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 3, 3, 2, 2, 1, 2, 1, 2, 3, 3, 1, 2, 1, 2, 2, 2, 1, 1, 1, 2, 0)	31
18155	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 3, 3, 1, 4, 2, 4, 1, 1, 2, 1, 1, 3, 1, 1, 1, 1, 1, 4, 1, 1, 2, 2, 1, 0)	67
18157	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 2, 2, 1, 5, 1, 2, 1, 2, 3, 2, 1, 2, 2, 2, 3, 1, 1, 2, 1, 1, 1, 1, 1, 3, 2, 1, 1, 1, 1, 1, 1, 1, 1, 1, 2, 1, 2, 2, 1, 2, 3, 1, 2, 3, 0)	67
18159	(4, 3, 8, 1, 2, 2, 1, 3, 3, 3, 1, 4, 2, 1, 1, 2, 1, 1, 1, 2, 2, 1, 2, 2, 4, 1, 1, 1, 2, 1, 1, 1, 0)	33
18161	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 3, 5, 2, 0)	21
18163	(4, 3, 6, 4, 4, 3, 1, 1, 3, 1, 1, 1, 2, 5, 1, 1, 2, 1, 1, 1, 2, 2, 2, 1, 1, 2, 1, 1, 1, 2, 3, 1, 0)	33
18165	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 1, 5, 1, 2, 1, 2, 1, 1, 5, 0)	21
18167	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 4, 1, 1, 1, 1, 1, 1, 1, 1, 3, 4, 2, 1, 1, 1, 2, 2, 3, 1, 1, 0)	31
18169	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 7, 1, 2, 1, 2, 0)	21

18171	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 1, 1, 1, 1, 4, 2, 1, 1, 1, 3, 1, 1, 3, 1, 1, 3, 2, 1, 2, 1, 2, 3, 1, 1, 2, 1, 1, 4, 1, 1, 2, 1, 2, 1, 0)	55
18173	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 2, 2, 1, 5, 1, 2, 1, 2, 3, 2, 1, 2, 2, 2, 3, 1, 1, 2, 1, 1, 1, 1, 1, 3, 2, 1, 1, 1, 1, 1, 1, 1, 1, 1, 3, 1, 5, 1, 1, 2, 1, 1, 1, 1, 3, 0)	67
18175	(4, 3, 8, 1, 4, 1, 1, 5, 3, 1, 1, 2, 1, 2, 4, 2, 1, 2, 2, 2, 1, 1, 3, 1, 2, 1, 1, 1, 1, 1, 1, 1, 0)	33
18177	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 5, 2, 2, 2, 0)	21
18179	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 3, 2, 2, 2, 2, 2, 3, 1, 1, 2, 1, 2, 1, 2, 4, 1, 0)	50
18181	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 5, 3, 2, 1, 1, 2, 1, 2, 1, 1, 1, 1, 1, 3, 2, 4, 0)	50
18183	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 3, 2, 2, 2, 2, 2, 3, 1, 1, 2, 3, 1, 3, 2, 1, 1, 0)	50
18185	(4, 3, 2, 1, 3, 3, 5, 3, 1, 2, 2, 2, 2, 4, 3, 1, 2, 1, 1, 1, 2, 2, 1, 1, 2, 0)	26
18187	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 5, 2, 1, 2, 1, 2, 3, 2, 1, 0)	21
18189	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 5, 3, 2, 1, 1, 2, 3, 1, 1, 1, 1, 1, 1, 1, 4, 3, 0)	50
18191	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 5, 3, 2, 1, 1, 2, 1, 2, 1, 1, 1, 1, 7, 1, 1, 1, 0)	50
18193	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 5, 3, 2, 1, 1, 2, 3, 1, 1, 1, 1, 1, 1, 3, 3, 2, 0)	50
18195	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 2, 5, 1, 4, 1, 6, 2, 1, 2, 2, 1, 2, 2, 1, 1, 1, 1, 2, 1, 1, 1, 2, 1, 2, 1, 2, 1, 3, 1, 0)	43
18197	(4, 9, 6, 0)	4
18199	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 2, 5, 3, 3, 6, 1, 1, 2, 1, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 1, 1, 1, 1, 1, 1, 1, 5, 1, 1, 0)	43
18201	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 2, 5, 3, 3, 6, 1, 1, 2, 1, 1, 2, 2, 1, 1, 1, 3, 1, 3, 1, 1, 1, 1, 1, 1, 1, 1, 3, 1, 2, 0)	43
18203	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 1, 2, 1, 1, 1, 2, 1, 4, 1, 2, 3, 5, 1, 1, 1, 1, 1, 2, 1, 1, 2, 1, 4, 4, 2, 1, 1, 3, 1, 2, 3, 3, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 2, 1, 0)	91
18205	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 1, 4, 5, 1, 1, 1, 1, 1, 1, 2, 2, 2, 2, 2, 1, 3, 0)	67
18207	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 1, 4, 3, 2, 1, 1, 1, 1, 3, 4, 3, 2, 1, 1, 1, 1, 0)	67
18209	(4, 3, 2, 1, 3, 1, 8, 2, 2, 4, 1, 2, 2, 0)	14

18211	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 2, 2, 1, 2, 2, 2, 2, 5, 1, 0)	55
18213	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 2, 2, 1, 2, 2, 4, 1, 1, 4, 0)	55
18215	(4, 3, 2, 1, 7, 4, 1, 1, 2, 3, 4, 2, 2, 4, 1, 2, 1, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 1, 1, 3, 2, 1, 3, 1, 2, 1, 1, 0)	38
18217	(4, 3, 2, 1, 3, 1, 10, 5, 1, 1, 1, 1, 2, 0)	14
18219	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 2, 2, 1, 2, 4, 3, 2, 2, 1, 0)	55
18221	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 3, 2, 2, 4, 2, 3, 0)	19
18223	(4, 5, 1, 1, 5, 1, 2, 2, 2, 4, 2, 4, 1, 1, 4, 2, 2, 1, 1, 1, 0)	21
18225	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 3, 2, 4, 1, 4, 2, 0)	19
18227	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 3, 2, 4, 3, 3, 1, 0)	19
18229	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 3, 5, 0)	19
18231	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 2, 2, 3, 5, 1, 1, 3, 1, 1, 0)	55
18233	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 3, 1, 1, 3, 2, 1, 1, 4, 2, 1, 1, 2, 1, 3, 1, 2, 2, 1, 2, 0)	67
18235	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 3, 4, 5, 1, 2, 1, 0)	19
18237	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 4, 1, 3, 2, 1, 3, 1, 1, 3, 0)	55
18239	(4, 5, 1, 1, 5, 1, 2, 2, 4, 3, 3, 2, 1, 4, 3, 1, 1, 1, 1, 1, 0)	21
18241	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 6, 2, 2, 0)	19
18243	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 5, 3, 2, 1, 4, 1, 0)	19
18245	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 4, 1, 3, 4, 0)	19
18247	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 1, 8, 1, 3, 2, 2, 1, 1, 2, 2, 1, 1, 1, 1, 3, 1, 1, 2, 2, 1, 1, 0)	67
18249	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 6, 2, 2, 1, 3, 1, 2, 2, 1, 1, 2, 2, 1, 3, 3, 1, 1, 2, 0)	50
18251	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 4, 5, 2, 1, 0)	19
18253	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 4, 1, 2, 3, 2, 1, 1, 3, 3, 0)	55

18255	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 2, 4, 4, 2, 2, 3, 1, 1, 1, 0)	55
18257	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 4, 1, 2, 5, 1, 1, 1, 3, 2, 0)	55
18259	(4, 5, 1, 1, 5, 1, 2, 4, 5, 1, 4, 1, 2, 2, 1, 1, 1, 1, 3, 1, 0)	21
18261	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 9, 0)	38
18263	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 4, 3, 1, 3, 1, 2, 4, 1, 1, 0)	55
18265	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 4, 3, 4, 1, 2, 0)	19
18267	(4, 3, 2, 1, 3, 7, 2, 1, 2, 4, 2, 2, 3, 3, 1, 1, 1, 2, 1, 2, 2, 1, 1, 2, 1, 0)	26
18269	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 5, 2, 1, 1, 4, 1, 3, 0)	19
18271	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 10, 1, 1, 1, 1, 0)	19
18273	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 8, 1, 1, 1, 4, 1, 2, 1, 1, 2, 2, 0)	55
18275	(4, 3, 2, 5, 2, 4, 6, 1, 0)	9
18277	(4, 3, 2, 5, 2, 6, 1, 4, 0)	9
18279	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 1, 3, 1, 1, 1, 1, 2, 6, 1, 2, 1, 2, 1, 1, 2, 1, 1, 6, 2, 1, 1, 2, 3, 2, 1, 1, 1, 1, 1, 1, 2, 1, 1, 0)	62
18281	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 1, 4, 2, 1, 3, 1, 2, 1, 1, 2, 1, 4, 4, 1, 1, 1, 2, 0)	31
18283	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 1, 4, 2, 1, 3, 1, 2, 1, 1, 2, 3, 1, 4, 1, 2, 2, 1, 0)	31
18285	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 3, 5, 1, 1, 2, 3, 0)	19
18287	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 7, 3, 2, 1, 1, 1, 1, 1, 2, 1, 2, 2, 1, 1, 3, 1, 3, 1, 1, 3, 1, 2, 1, 1, 1, 0)	67
18289	(4, 3, 2, 5, 4, 1, 6, 2, 0)	9
18291	(4, 5, 1, 1, 5, 3, 3, 2, 1, 1, 3, 2, 1, 2, 1, 1, 4, 2, 3, 1, 0)	21
18293	(4, 3, 2, 5, 4, 3, 1, 5, 0)	9
18295	(4, 5, 1, 1, 5, 3, 3, 2, 1, 1, 3, 2, 1, 2, 1, 3, 3, 3, 1, 1, 0)	21
18297	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 8, 3, 1, 1, 1, 2, 1, 2, 0)	19
18299	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 5, 4, 1, 1, 2, 1, 2, 2, 1, 2, 1, 0)	55
18301	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 3, 1, 1, 1, 3, 0)	43

18303	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 1, 6, 1, 1, 3, 6, 1, 1, 1, 2, 3, 1, 1, 1, 1, 1, 1, 0)	31
18305	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 5, 2, 2, 1, 2, 2, 2, 0)	19
18307	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 4, 3, 2, 2, 1, 1, 1, 3, 2, 1, 3, 4, 1, 0)	55
18309	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 4, 3, 2, 2, 1, 1, 1, 5, 1, 1, 1, 2, 4, 0)	55
18311	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 4, 3, 2, 2, 1, 1, 1, 3, 2, 5, 2, 1, 1, 0)	55
18313	(4, 5, 1, 1, 5, 3, 5, 1, 1, 1, 3, 3, 1, 3, 2, 1, 2, 1, 1, 2, 0)	21
18315	(4, 5, 1, 5, 2, 1, 4, 4, 1, 3, 3, 1, 3, 1, 1, 1, 2, 1, 1, 2, 3, 1, 1, 1, 2, 2, 1, 1, 1, 3, 2, 1, 0)	33
18317	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 7, 3, 0)	38
18319	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 3, 1, 1, 1, 1, 1, 3, 1, 3, 3, 1, 1, 2, 2, 1, 1, 2, 4, 2, 2, 1, 1, 1, 1, 1, 2, 2, 1, 4, 1, 1, 1, 1, 1, 1, 2, 3, 1, 1, 2, 4, 1, 1, 1, 0)	72
18321	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 4, 3, 4, 1, 1, 1, 1, 3, 1, 2, 2, 3, 2, 0)	55
18323	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 4, 3, 4, 1, 1, 1, 1, 3, 1, 4, 1, 3, 1, 0)	55
18325	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 2, 2, 1, 1, 2, 1, 6, 0)	55
18327	(4, 3, 2, 7, 3, 6, 1, 1, 0)	9
18329	(4, 3, 2, 7, 5, 3, 1, 2, 0)	9
18331	(4, 3, 2, 1, 1, 4, 4, 1, 3, 6, 1, 2, 1, 2, 2, 1, 4, 2, 1, 1, 2, 1, 2, 1, 4, 1, 1, 1, 2, 1, 0)	31
18333	(4, 3, 2, 1, 1, 4, 4, 1, 5, 3, 1, 1, 1, 5, 1, 2, 1, 5, 1, 1, 1, 1, 1, 1, 3, 1, 1, 2, 1, 3, 0)	31
18335	(4, 3, 2, 1, 1, 4, 4, 1, 3, 4, 4, 4, 2, 1, 1, 1, 2, 1, 3, 1, 2, 1, 2, 3, 1, 2, 1, 1, 1, 1, 0)	31
18337	(4, 3, 2, 11, 2, 1, 2, 2, 0)	9
18339	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 2, 2, 1, 3, 1, 5, 1, 0)	55
18341	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 4, 2, 3, 2, 4, 1, 2, 1, 1, 1, 4, 0)	55
18343	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 4, 1, 1, 1, 3, 2, 1, 2, 2, 1, 1, 3, 3, 1, 2, 1, 2, 1, 1, 1, 1, 2, 3, 2, 3, 2, 1, 1, 2, 2, 1, 2, 1, 1, 0)	60
18345	(4, 3, 2, 1, 1, 12, 1, 1, 1, 5, 1, 4, 2, 1, 1, 3, 3, 1, 1, 2, 2, 1, 2, 1, 1, 2, 1, 1, 3, 2, 2, 1, 1, 1, 1, 2, 1, 1, 1, 1, 1, 2, 0)	43

18347	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 8, 2, 1, 3, 2, 1, 1, 2, 1, 2, 2, 2, 1, 0)	55
18349	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 3, 1, 1, 2, 1, 2, 2, 2, 1, 4, 1, 2, 1, 1, 2, 3, 2, 1, 1, 1, 1, 2, 2, 3, 0)	43
18351	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 4, 1, 5, 2, 1, 1, 1, 0)	55
18353	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 6, 4, 2, 0)	38
18355	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 8, 3, 1, 0)	38
18357	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 5, 0)	19
18359	(4, 3, 2, 1, 1, 4, 2, 2, 3, 1, 4, 2, 4, 4, 1, 3, 1, 1, 0)	19
18361	(4, 3, 2, 1, 1, 4, 2, 2, 3, 1, 4, 4, 1, 2, 4, 2, 1, 2, 0)	19
18363	(4, 3, 2, 1, 1, 4, 2, 2, 3, 1, 4, 4, 1, 4, 3, 1, 2, 1, 0)	19
18365	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 1, 5, 1, 2, 1, 2, 1, 1, 3, 3, 2, 1, 1, 3, 1, 1, 6, 3, 1, 2, 1, 2, 4, 2, 1, 1, 1, 1, 2, 1, 2, 1, 1, 1, 2, 1, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 2, 1, 1, 3, 0)	62
18367	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 1, 2, 3, 4, 2, 1, 1, 2, 2, 1, 1, 1, 3, 3, 1, 1, 5, 1, 2, 1, 1, 1, 1, 1, 0)	43
18369	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 5, 1, 3, 2, 2, 0)	19
18371	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 4, 1, 1, 1, 4, 4, 1, 1, 1, 3, 1, 2, 2, 1, 1, 1, 4, 1, 0)	67
18373	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 5, 4, 0)	38
18375	(4, 3, 2, 1, 1, 4, 2, 2, 3, 1, 6, 5, 1, 2, 2, 2, 1, 1, 0)	19
18377	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 5, 3, 2, 3, 2, 2, 1, 3, 1, 1, 4, 1, 1, 2, 0)	55
18379	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 4, 1, 1, 4, 4, 2, 1, 0)	19
18381	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 4, 1, 3, 1, 2, 3, 3, 0)	19
18383	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 8, 1, 3, 1, 1, 1, 0)	19
18385	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 4, 1, 3, 3, 1, 3, 2, 0)	19
18387	(4, 3, 2, 1, 1, 4, 4, 5, 2, 1, 2, 3, 2, 1, 2, 1, 3, 2, 3, 1, 2, 2, 1, 1, 1, 2, 1, 1, 3, 1, 0)	31
18389	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 7, 0)	14
18391	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 1, 6, 1, 3, 3, 1, 1, 1, 4, 1, 1, 0)	55
18393	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 7, 1, 2, 0)	38

18395	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 3, 1, 7, 1, 1, 1, 1, 1, 2, 3, 4, 1, 1, 1, 1, 2, 1, 4, 1, 1, 2, 1, 0)	50
18397	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 3, 1, 6, 1, 1, 1, 1, 2, 3, 1, 3, 0)	55
18399	(4, 3, 8, 1, 2, 2, 1, 1, 4, 2, 3, 2, 2, 3, 1, 3, 1, 1, 1, 1, 0)	21
18401	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 3, 3, 4, 1, 1, 1, 2, 2, 2, 1, 1, 1, 4, 1, 2, 3, 1, 1, 1, 3, 1, 2, 1, 1, 2, 1, 2, 1, 1, 1, 2, 2, 0)	43
18403	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 7, 1, 0)	14
18405	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 3, 3, 2, 2, 1, 2, 1, 4, 0)	19
18407	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 3, 3, 1, 4, 2, 4, 1, 1, 2, 1, 1, 0)	55
18409	(4, 3, 8, 1, 2, 2, 1, 3, 3, 3, 1, 4, 2, 1, 1, 2, 1, 1, 1, 2, 0)	21
18411	(4, 3, 2, 1, 3, 1, 2, 6, 3, 5, 4, 1, 1, 1, 1, 4, 1, 1, 1, 2, 1, 1, 1, 2, 3, 2, 1, 1, 3, 1, 1, 1, 2, 1, 3, 2, 1, 1, 1, 2, 2, 1, 0)	43
18413	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 1, 1, 1, 1, 4, 2, 1, 1, 1, 3, 1, 1, 1, 2, 1, 1, 4, 1, 2, 1, 2, 3, 0)	43
18415	(4, 3, 6, 4, 4, 3, 1, 1, 3, 1, 1, 1, 2, 5, 1, 1, 2, 1, 1, 1, 0)	21
18417	(4, 3, 2, 1, 3, 3, 3, 6, 1, 1, 1, 5, 2, 0)	14
18419	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 1, 1, 1, 1, 4, 2, 1, 1, 1, 1, 2, 1, 5, 1, 2, 1, 1, 2, 1, 2, 3, 1, 0)	43
18421	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 5, 0)	19
18423	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 1, 1, 1, 1, 4, 2, 1, 1, 1, 3, 1, 1, 3, 1, 1, 3, 2, 1, 2, 3, 1, 1, 0)	43
18425	(4, 3, 8, 1, 4, 1, 5, 2, 1, 2, 1, 1, 1, 3, 1, 2, 1, 2, 1, 2, 0)	21
18427	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 3, 2, 2, 6, 1, 3, 2, 1, 2, 1, 2, 1, 1, 1, 1, 5, 3, 1, 3, 1, 1, 1, 1, 1, 5, 1, 1, 2, 2, 2, 1, 2, 1, 1, 2, 1, 1, 1, 1, 1, 1, 2, 1, 2, 1, 2, 1, 0)	60
18429	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 2, 2, 1, 5, 1, 2, 1, 2, 3, 2, 1, 2, 2, 2, 3, 1, 1, 2, 1, 1, 1, 1, 1, 3, 2, 1, 1, 1, 1, 1, 1, 1, 3, 0)	55
18431	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 4, 1, 1, 3, 1, 1, 1, 1, 5, 5, 1, 2, 1, 4, 1, 3, 1, 2, 1, 1, 1, 2, 2, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 0)	55
18433	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 1, 2, 5, 1, 1, 1, 2, 1, 5, 1, 1, 2, 2, 2, 2, 2, 0)	31
18435	(4, 3, 2, 1, 3, 3, 5, 1, 4, 2, 2, 4, 1, 0)	14
18437	(4, 3, 2, 1, 3, 3, 5, 3, 1, 2, 2, 2, 4, 0)	14
18439	(4, 3, 2, 1, 3, 3, 5, 1, 6, 3, 2, 1, 1, 0)	14
18441	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 1, 2, 5, 1, 1, 3, 1, 1, 1, 4, 2, 3, 2, 1, 1, 2, 0)	31
18443	(4, 3, 2, 1, 3, 3, 5, 3, 1, 4, 3, 2, 1, 0)	14

18445	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 3, 2, 4, 3, 0)	38
18447	(4, 3, 2, 1, 3, 3, 5, 3, 3, 5, 1, 1, 1, 0)	14
18449	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 3, 4, 3, 2, 0)	38
18451	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 2, 2, 1, 1, 1, 1, 1, 2, 4, 1, 2, 2, 1, 3, 2, 3, 1, 1, 1, 1, 1, 2, 1, 3, 2, 1, 3, 1, 0)	84
18453	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 1, 2, 2, 6, 0)	55
18455	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 5, 5, 1, 1, 0)	38
18457	(4, 3, 2, 1, 7, 2, 2, 5, 1, 4, 1, 1, 1, 1, 1, 2, 2, 2, 1, 2, 2, 1, 3, 1, 2, 0)	26
18459	(4, 3, 2, 1, 7, 2, 2, 5, 1, 2, 2, 1, 1, 1, 3, 2, 2, 4, 2, 1, 1, 1, 1, 2, 1, 0)	26
18461	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 1, 3, 1, 2, 2, 1, 4, 1, 1, 1, 2, 3, 2, 1, 3, 0)	31
18463	(4, 3, 2, 1, 1, 4, 2, 2, 7, 2, 6, 1, 2, 2, 1, 1, 1, 1, 0)	19
18465	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 1, 3, 1, 2, 2, 1, 4, 1, 1, 3, 1, 3, 1, 2, 2, 0)	31
18467	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 1, 4, 5, 1, 0)	55
18469	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 7, 2, 1, 1, 4, 0)	38
18471	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 1, 1, 4, 2, 6, 1, 1, 1, 1, 1, 4, 1, 2, 1, 1, 0)	31
18473	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 1, 1, 4, 4, 3, 1, 2, 2, 2, 2, 1, 1, 1, 1, 2, 0)	31
18475	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 1, 2, 1, 5, 1, 2, 2, 1, 4, 2, 2, 1, 0)	55
18477	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 3, 3, 2, 3, 0)	55
18479	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 1, 3, 1, 4, 1, 3, 2, 3, 2, 1, 2, 2, 1, 1, 1, 0)	31
18481	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 1, 2, 5, 1, 2, 1, 1, 4, 2, 0)	55
18483	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 1, 2, 5, 1, 2, 1, 3, 3, 1, 0)	55
18485	(4, 5, 1, 1, 3, 4, 4, 5, 0)	9
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18489	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 5, 2, 2, 1, 2, 0)	55

18491	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 4, 5, 3, 1, 3, 1, 1, 2, 1, 4, 1, 2, 1, 0)	55
18493	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 3, 1, 1, 5, 1, 1, 3, 0)	55
18495	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 2, 4, 2, 3, 3, 1, 1, 3, 3, 3, 1, 1, 1, 1, 4, 1, 1, 1, 1, 1, 0)	67
18497	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 4, 3, 3, 1, 1, 1, 3, 1, 1, 2, 3, 1, 2, 1, 1, 1, 1, 4, 2, 2, 0)	67
18499	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 4, 3, 3, 1, 1, 1, 3, 1, 1, 2, 3, 1, 2, 1, 1, 1, 3, 1, 4, 1, 0)	67
18501	(4, 5, 1, 1, 3, 6, 3, 4, 0)	9
18503	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 4, 3, 1, 2, 1, 1, 5, 1, 4, 1, 1, 2, 2, 1, 2, 1, 2, 2, 1, 1, 0)	67
18505	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 9, 1, 4, 1, 1, 1, 2, 1, 1, 1, 1, 1, 3, 1, 1, 2, 0)	31
18507	(4, 5, 1, 1, 3, 10, 2, 1, 0)	9
18509	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 6, 2, 2, 1, 3, 3, 0)	38
18511	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 8, 2, 3, 1, 1, 1, 1, 2, 4, 3, 1, 1, 1, 0)	55
18513	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 6, 4, 1, 1, 3, 2, 0)	38
18515	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 2, 2, 1, 1, 2, 1, 2, 3, 1, 4, 1, 1, 1, 3, 3, 4, 3, 1, 1, 1, 1, 1, 3, 1, 1, 2, 2, 1, 2, 2, 1, 2, 1, 2, 1, 1, 2, 1, 1, 1, 1, 3, 2, 1, 1, 1, 3, 1, 0)	96
18517	(4, 5, 1, 1, 5, 1, 2, 8, 0)	9
18519	(4, 3, 2, 1, 3, 7, 2, 1, 2, 4, 4, 1, 1, 0)	14
18521	(4, 3, 2, 1, 3, 7, 2, 1, 4, 1, 4, 1, 2, 0)	14
18523	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 1, 1, 2, 1, 1, 3, 2, 2, 3, 3, 1, 5, 1, 1, 1, 1, 2, 1, 1, 2, 1, 0)	50
18525	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 3, 1, 3, 2, 5, 1, 3, 0)	38
18527	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 1, 3, 1, 1, 1, 1, 4, 3, 1, 1, 1, 1, 1, 4, 3, 1, 4, 1, 1, 1, 1, 0)	50
18529	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 1, 3, 1, 1, 1, 1, 2, 6, 1, 2, 1, 2, 1, 1, 2, 1, 3, 1, 1, 2, 2, 0)	50

18531	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 3, 1, 5, 1, 1, 6, 1, 0)	38
18533	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 3, 1, 5, 1, 3, 1, 4, 0)	38
18535	(4, 3, 2, 1, 1, 6, 3, 4, 3, 1, 2, 2, 3, 1, 1, 4, 2, 1, 2, 3, 1, 1, 2, 2, 1, 1, 1, 2, 1, 1, 0)	31
18537	(10, 1, 3, 3, 1, 2, 1, 4, 1, 1, 2, 1, 2, 1, 5, 1, 1, 3, 1, 1, 2, 1, 2, 1, 1, 2, 1, 2, 2, 2, 2, 1, 1, 3, 3, 1, 1, 1, 2, 0)	40
18539	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 7, 3, 2, 1, 1, 1, 1, 1, 2, 1, 2, 2, 1, 0)	55
18541	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 2, 2, 1, 1, 1, 1, 2, 4, 1, 1, 4, 1, 1, 1, 1, 2, 3, 0)	31
18543	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 1, 2, 1, 3, 1, 3, 3, 4, 4, 2, 1, 2, 1, 1, 1, 2, 3, 1, 1, 1, 1, 1, 2, 1, 1, 3, 1, 1, 2, 1, 3, 1, 2, 2, 1, 1, 2, 1, 2, 1, 1, 1, 0)	60
18545	(4, 5, 1, 1, 5, 1, 8, 2, 0)	9
18547	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 3, 3, 2, 1, 2, 2, 3, 1, 2, 3, 2, 2, 3, 1, 0)	55
18549	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 1, 4, 2, 1, 5, 0)	19
18551	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 3, 3, 2, 1, 2, 2, 3, 3, 1, 1, 4, 3, 1, 1, 0)	55
18553	(4, 3, 2, 1, 1, 4, 2, 6, 4, 3, 3, 1, 2, 1, 1, 2, 1, 2, 0)	19
18555	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 1, 2, 1, 0)	31
18557	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 1, 3, 2, 2, 3, 2, 2, 2, 1, 1, 2, 1, 3, 2, 2, 1, 1, 1, 3, 0)	31
18559	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 5, 4, 1, 2, 1, 1, 1, 3, 3, 2, 1, 1, 1, 1, 1, 3, 1, 4, 1, 3, 2, 1, 1, 1, 1, 1, 1, 0)	50
18561	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 3, 7, 1, 1, 2, 2, 2, 0)	38
18563	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 3, 1, 4, 4, 1, 0)	19
18565	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 3, 3, 1, 2, 4, 0)	19
18567	(4, 5, 1, 5, 2, 3, 1, 2, 4, 2, 1, 1, 1, 2, 3, 1, 4, 2, 1, 1, 0)	21
18569	(4, 5, 1, 5, 2, 1, 4, 4, 1, 3, 3, 1, 3, 1, 1, 1, 2, 1, 1, 2, 0)	21
18571	(4, 5, 1, 5, 2, 1, 6, 3, 2, 2, 1, 2, 1, 1, 1, 2, 1, 3, 2, 1, 0)	21
18573	(4, 5, 1, 1, 5, 3, 5, 3, 0)	9
18575	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 3, 1, 1, 1, 1, 1, 3, 1, 3, 3, 1, 1, 2, 2, 1, 1, 2, 4, 2, 2, 1, 1, 1, 1, 1, 2, 2, 1, 4, 1, 1, 1, 0)	60
18577	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 7, 1, 1, 1, 2, 1, 1, 2, 1, 1, 2, 2, 3, 1, 1, 1, 2, 3, 2, 0)	31
18579	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 7, 1, 1, 1, 2, 1, 1, 2, 1, 1, 2, 2, 3, 1, 1, 3, 1, 3, 1, 0)	31

18581	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 3, 3, 4, 1, 2, 1, 2, 4, 2, 1, 1, 1, 1, 1, 2, 1, 1, 1, 1, 1, 2, 1, 1, 6, 0)	67
18583	(4, 5, 1, 1, 5, 9, 1, 1, 0)	9
18585	(4, 3, 2, 1, 1, 4, 4, 1, 3, 6, 1, 2, 1, 2, 2, 3, 1, 2, 0)	19
18587	(4, 3, 2, 1, 1, 4, 4, 1, 3, 4, 4, 4, 2, 1, 1, 1, 2, 1, 0)	19
18589	(4, 3, 2, 1, 1, 4, 4, 1, 5, 3, 1, 1, 1, 5, 1, 2, 1, 3, 0)	19
18591	(4, 3, 2, 1, 3, 3, 3, 6, 1, 1, 1, 1, 1, 1, 5, 5, 2, 1, 2, 1, 1, 2, 4, 1, 3, 1, 1, 1, 1, 1, 1, 4, 1, 3, 2, 1, 1, 1, 4, 2, 1, 2, 1, 2, 1, 1, 1, 1, 1, 2, 1, 1, 1, 1, 0)	55
18593	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 3, 5, 1, 5, 1, 1, 2, 3, 1, 1, 2, 1, 2, 2, 0)	55
18595	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 3, 3, 4, 1, 2, 1, 2, 4, 2, 1, 1, 1, 1, 1, 2, 1, 1, 1, 1, 3, 1, 1, 5, 1, 0)	67
18597	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 4, 1, 1, 1, 3, 2, 1, 2, 2, 1, 1, 3, 3, 1, 2, 1, 2, 1, 1, 1, 1, 4, 0)	48
18599	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 1, 6, 1, 3, 1, 2, 5, 2, 1, 1, 3, 2, 2, 3, 1, 1, 3, 1, 1, 1, 1, 1, 1, 1, 1, 1, 3, 1, 2, 1, 2, 1, 1, 3, 1, 1, 2, 3, 3, 1, 2, 1, 1, 2, 1, 1, 1, 2, 1, 2, 1, 1, 0)	96
18601	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 11, 3, 1, 1, 1, 1, 1, 2, 1, 6, 1, 1, 2, 1, 1, 1, 1, 1, 1, 2, 0)	31
18603	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 3, 3, 4, 1, 2, 1, 2, 4, 2, 1, 1, 1, 1, 3, 1, 1, 1, 1, 1, 3, 2, 2, 2, 1, 0)	67
18605	(4, 5, 1, 1, 9, 2, 2, 3, 0)	9
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18609	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 3, 1, 1, 2, 1, 2, 2, 2, 1, 2, 4, 2, 0)	31
18611	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 3, 1, 1, 2, 1, 2, 2, 2, 1, 4, 3, 1, 0)	31
18613	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 2, 2, 1, 3, 2, 5, 0)	55
18615	(4, 3, 2, 1, 3, 1, 2, 4, 6, 1, 2, 2, 2, 1, 1, 1, 6, 2, 1, 1, 1, 3, 2, 1, 1, 2, 1, 3, 1, 1, 0)	31
18617	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 3, 1, 1, 2, 1, 2, 4, 1, 3, 2, 1, 2, 0)	31
18619	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 1, 6, 1, 2, 2, 3, 2, 1, 1, 3, 1, 2, 1, 0)	31
18621	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 1, 2, 3, 4, 2, 1, 1, 2, 2, 1, 1, 3, 0)	31
18623	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 3, 1, 1, 2, 1, 8, 2, 1, 1, 1, 1, 1, 0)	31

18625	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 3, 1, 1, 3, 4, 1, 2, 3, 2, 2, 0)	38
18627	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 3, 1, 1, 3, 4, 3, 1, 1, 4, 1, 0)	38
18629	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 4, 1, 1, 1, 4, 4, 0)	55
18631	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 3, 1, 3, 1, 3, 2, 1, 3, 2, 2, 1, 1, 0)	31
18633	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 2, 2, 7, 1, 1, 2, 0)	55
18635	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 1, 2, 6, 2, 1, 1, 3, 1, 1, 1, 1, 2, 2, 1, 1, 2, 1, 4, 2, 1, 0)	31
18637	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 4, 1, 1, 3, 3, 3, 0)	55
18639	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 1, 2, 6, 2, 1, 1, 1, 2, 1, 1, 3, 4, 1, 2, 1, 1, 3, 1, 1, 1, 0)	31
18641	(4, 3, 2, 1, 1, 4, 4, 5, 2, 1, 2, 3, 2, 1, 2, 1, 3, 2, 0)	19
18643	(4, 3, 2, 1, 1, 4, 4, 5, 2, 1, 2, 3, 2, 3, 1, 1, 3, 1, 0)	19
18645	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 5, 7, 0)	43
18647	(4, 3, 2, 1, 1, 4, 4, 5, 2, 3, 1, 3, 1, 2, 1, 4, 1, 1, 0)	19
18649	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 3, 1, 5, 2, 1, 1, 1, 5, 1, 2, 0)	38
18651	(4, 3, 2, 1, 3, 1, 2, 6, 1, 8, 1, 1, 1, 1, 4, 2, 1, 2, 1, 3, 1, 1, 1, 1, 2, 3, 1, 1, 2, 1, 0)	31
18653	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 3, 1, 7, 1, 1, 1, 1, 3, 1, 3, 0)	38
18655	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 3, 3, 4, 1, 1, 1, 2, 2, 2, 1, 1, 1, 4, 1, 2, 3, 1, 1, 1, 1, 0)	31
18657	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 5, 4, 1, 2, 4, 1, 1, 1, 1, 1, 1, 1, 2, 2, 0)	31
18659	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 11, 1, 0)	43
18661	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 3, 2, 2, 6, 1, 3, 2, 1, 2, 3, 1, 1, 1, 1, 1, 3, 1, 1, 1, 2, 1, 2, 1, 1, 1, 2, 1, 2, 1, 1, 2, 2, 2, 1, 4, 0)	48
18663	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 3, 1, 1, 3, 6, 1, 1, 2, 1, 3, 2, 1, 1, 2, 1, 1, 0)	31
18665	(4, 3, 2, 1, 3, 1, 2, 6, 3, 5, 4, 1, 1, 1, 1, 4, 1, 1, 1, 2, 1, 1, 1, 2, 3, 2, 1, 1, 1, 2, 0)	31
18667	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 7, 2, 1, 1, 2, 2, 1, 0)	55
18669	(4, 3, 6, 4, 4, 1, 2, 3, 0)	9
18671	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 4, 5, 6, 1, 2, 2, 3, 3, 1, 1, 3, 1, 1, 1, 1, 1, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 0)	67
18673	(4, 3, 8, 1, 2, 2, 5, 2, 0)	9

18675	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 5, 2, 2, 1, 1, 2, 3, 1, 0)	55
18677	(4, 3, 8, 1, 4, 1, 1, 5, 0)	9
18679	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 3, 1, 1, 1, 1, 3, 2, 3, 2, 3, 1, 1, 0)	55
18681	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 3, 1, 1, 1, 1, 5, 1, 3, 1, 2, 1, 2, 0)	55
18683	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 4, 1, 1, 3, 1, 1, 1, 5, 2, 1, 1, 1, 4, 1, 1, 1, 1, 2, 1, 2, 1, 0)	43
18685	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 1, 1, 1, 1, 6, 1, 1, 1, 1, 3, 0)	31
18687	(4, 3, 2, 1, 1, 4, 10, 3, 1, 3, 4, 1, 1, 1, 1, 1, 1, 1, 0)	19
18689	(4, 3, 8, 3, 3, 2, 2, 2, 0)	9
18691	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 9, 2, 1, 1, 2, 3, 1, 4, 1, 1, 1, 4, 1, 2, 1, 1, 1, 1, 1, 1, 1, 1, 2, 1, 1, 2, 4, 1, 0)	67
18693	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 2, 3, 4, 2, 4, 0)	19
18695	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 9, 2, 1, 1, 2, 3, 1, 4, 1, 1, 1, 4, 1, 2, 1, 1, 1, 1, 1, 1, 1, 3, 1, 1, 3, 2, 1, 1, 0)	67
18697	(4, 3, 12, 2, 2, 1, 1, 2, 0)	9
18699	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 5, 1, 1, 1, 3, 2, 2, 2, 1, 3, 2, 3, 2, 1, 0)	38
18701	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 2, 5, 1, 4, 3, 0)	19
18703	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 5, 1, 1, 1, 3, 2, 4, 1, 1, 1, 6, 1, 1, 1, 0)	38
18705	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 2, 5, 3, 3, 2, 0)	19
18707	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 1, 2, 1, 1, 1, 2, 1, 4, 1, 2, 3, 5, 1, 1, 1, 1, 1, 2, 1, 3, 1, 0)	67
18709	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 1, 2, 3, 6, 0)	19
18711	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 2, 2, 1, 1, 1, 1, 1, 2, 4, 1, 2, 2, 1, 5, 1, 1, 0)	72
18713	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 2, 2, 1, 1, 1, 1, 1, 2, 4, 1, 4, 1, 1, 3, 1, 2, 0)	72
18715	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 3, 1, 3, 6, 1, 1, 1, 2, 2, 1, 1, 6, 1, 1, 1, 1, 1, 2, 1, 0)	31
18717	(4, 3, 2, 1, 7, 2, 2, 5, 1, 2, 2, 1, 3, 0)	14
18719	(8, 2, 5, 1, 1, 2, 3, 3, 3, 1, 1, 2, 1, 1, 2, 1, 2, 5, 1, 1, 1, 4, 2, 1, 1, 1, 1, 0)	28

18721	(4, 3, 2, 1, 7, 4, 1, 1, 2, 5, 1, 2, 2, 0)	14
18723	(4, 3, 2, 1, 7, 4, 1, 3, 1, 1, 2, 5, 1, 0)	14
18725	(4, 3, 2, 1, 7, 4, 1, 3, 1, 3, 1, 1, 4, 0)	14
18727	(4, 3, 2, 1, 7, 2, 6, 2, 3, 1, 2, 1, 1, 0)	14
18729	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 2, 2, 1, 1, 1, 1, 3, 3, 2, 3, 3, 1, 1, 1, 1, 2, 0)	72
18731	(8, 2, 3, 6, 2, 1, 2, 2, 1, 2, 1, 1, 3, 1, 2, 1, 2, 1, 3, 1, 2, 1, 1, 3, 2, 2, 1, 0)	28
18733	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 1, 6, 2, 3, 0)	19
18735	(4, 3, 2, 1, 7, 4, 5, 2, 2, 2, 1, 1, 1, 0)	14
18737	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 6, 2, 1, 4, 2, 0)	19
18739	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 6, 2, 3, 3, 1, 0)	19
18741	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 1, 3, 5, 0)	19
18743	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 3, 1, 1, 5, 2, 1, 1, 1, 1, 1, 1, 1, 4, 2, 2, 2, 1, 1, 3, 1, 1, 0)	67
18745	(4, 3, 2, 1, 9, 3, 4, 1, 1, 2, 2, 1, 2, 0)	14
18747	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 2, 4, 2, 1, 6, 1, 2, 1, 0)	55
18749	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 2, 4, 2, 3, 3, 1, 1, 3, 0)	55
18751	(4, 3, 2, 1, 15, 1, 1, 3, 1, 1, 1, 1, 1, 0)	14
18753	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 5, 2, 2, 0)	19
18755	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 1, 4, 2, 2, 4, 2, 2, 1, 1, 1, 2, 1, 4, 1, 0)	38
18757	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 4, 3, 1, 2, 1, 1, 3, 4, 0)	55
18759	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 2, 2, 1, 1, 2, 1, 2, 3, 1, 4, 1, 1, 1, 1, 2, 2, 1, 2, 4, 1, 1, 2, 5, 1, 1, 3, 2, 1, 1, 1, 1, 1, 2, 2, 1, 1, 0)	84
18761	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 3, 1, 2, 2, 2, 5, 1, 1, 2, 2, 3, 1, 1, 2, 0)	38
18763	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 4, 3, 1, 2, 1, 5, 2, 1, 0)	55
18765	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 4, 3, 3, 1, 1, 1, 3, 3, 0)	55

18767	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 3, 1, 2, 4, 1, 1, 6, 1, 1, 2, 3, 1, 1, 1, 0)	38
18769	(10, 1, 1, 4, 2, 3, 1, 1, 1, 4, 1, 3, 2, 2, 1, 3, 3, 1, 1, 1, 2, 1, 1, 1, 1, 3, 2, 0)	28
18771	(10, 1, 1, 4, 2, 3, 1, 1, 1, 4, 1, 3, 2, 2, 1, 3, 3, 1, 1, 3, 1, 1, 1, 1, 1, 3, 1, 0)	28
18773	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 10, 0)	43
18775	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 5, 2, 4, 1, 1, 0)	19
18777	(4, 3, 2, 1, 1, 6, 3, 2, 6, 1, 1, 1, 2, 1, 2, 4, 1, 2, 0)	19
18779	(4, 3, 2, 1, 1, 6, 3, 2, 4, 2, 1, 3, 4, 2, 1, 1, 2, 1, 0)	19
18781	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 1, 1, 2, 1, 1, 3, 4, 1, 3, 0)	38
18783	(4, 3, 2, 1, 1, 6, 3, 2, 6, 1, 1, 3, 1, 5, 1, 1, 1, 1, 0)	19
18785	(4, 5, 7, 1, 2, 3, 1, 4, 4, 1, 1, 1, 1, 1, 2, 2, 1, 1, 2, 2, 0)	21
18787	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 1, 3, 1, 1, 1, 1, 2, 6, 1, 0)	38
18789	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 1, 3, 1, 1, 1, 1, 4, 1, 4, 0)	38
18791	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 4, 2, 3, 2, 4, 1, 2, 1, 1, 1, 2, 2, 3, 1, 2, 1, 1, 2, 1, 1, 1, 5, 1, 3, 1, 1, 1, 2, 3, 2, 2, 1, 3, 1, 1, 1, 1, 2, 1, 1, 0)	84
18793	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 1, 1, 2, 1, 7, 1, 1, 1, 2, 0)	38
18795	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 3, 5, 1, 2, 3, 1, 2, 2, 1, 0)	55
18797	(10, 1, 3, 3, 1, 2, 1, 4, 1, 1, 2, 1, 2, 1, 5, 1, 1, 3, 1, 1, 2, 1, 2, 1, 1, 2, 3, 0)	28
18799	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 1, 1, 2, 7, 1, 2, 1, 1, 1, 0)	38
18801	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 6, 2, 0)	43
18803	(4, 3, 2, 1, 1, 6, 5, 5, 1, 2, 1, 1, 1, 1, 3, 2, 3, 1, 0)	19
18805	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 8, 1, 5, 0)	43
18807	(4, 3, 2, 1, 1, 6, 5, 5, 3, 1, 1, 1, 1, 1, 3, 3, 1, 1, 0)	19
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18811	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 3, 1, 1, 3, 2, 2, 2, 2, 1, 2, 1, 0)	38
18813	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 3, 0)	19
18815	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 5, 4, 1, 2, 1, 1, 1, 3, 5, 1, 1, 1, 1, 1, 1, 0)	38
18817	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 4, 1, 3, 2, 1, 2, 4, 1, 2, 2, 2, 0)	55
18819	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 1, 3, 2, 2, 3, 4, 1, 0)	19

18821	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 1, 3, 4, 1, 1, 2, 4, 0)	19
18823	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 1, 3, 2, 6, 2, 1, 1, 0)	19
18825	(4, 3, 2, 1, 3, 3, 3, 6, 1, 1, 1, 1, 1, 1, 3, 2, 1, 4, 2, 3, 6, 1, 2, 1, 1, 1, 1, 1, 2, 1, 1, 2, 1, 1, 2, 1, 3, 1, 2, 1, 1, 2, 0)	43
18827	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 4, 1, 5, 1, 3, 2, 1, 1, 3, 2, 1, 0)	55
18829	(4, 5, 1, 5, 2, 1, 6, 3, 0)	9
18831	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 1, 5, 3, 4, 1, 1, 1, 0)	19
18833	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 2, 2, 1, 1, 1, 2, 4, 2, 3, 2, 0)	36
18835	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 2, 2, 1, 1, 1, 2, 6, 1, 3, 1, 0)	36
18837	(4, 5, 1, 5, 2, 3, 1, 6, 0)	9
18839	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 2, 2, 1, 1, 1, 4, 1, 6, 1, 1, 0)	36
18841	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 2, 2, 1, 1, 1, 4, 3, 3, 1, 2, 0)	36
18843	(4, 3, 2, 1, 1, 4, 4, 5, 2, 1, 2, 3, 2, 1, 2, 1, 3, 2, 3, 1, 2, 2, 1, 1, 1, 2, 1, 1, 1, 2, 2, 1, 1, 1, 2, 7, 1, 1, 1, 1, 1, 4, 1, 1, 2, 1, 2, 1, 1, 3, 1, 1, 1, 3, 1, 1, 1, 2, 1, 0)	60
18845	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 7, 1, 1, 1, 2, 1, 3, 0)	19
18847	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 1, 2, 1, 5, 4, 2, 1, 1, 2, 1, 1, 1, 3, 2, 1, 2, 1, 1, 1, 1, 0)	48
18849	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 6, 2, 2, 2, 2, 2, 1, 1, 1, 1, 1, 2, 3, 1, 2, 2, 1, 2, 2, 0)	38
18851	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 5, 2, 2, 2, 3, 1, 2, 2, 2, 1, 2, 1, 1, 2, 1, 5, 1, 0)	55
18853	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 5, 2, 2, 2, 3, 1, 2, 2, 2, 1, 2, 1, 3, 1, 1, 1, 4, 0)	55
18855	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 2, 2, 1, 1, 7, 2, 1, 2, 1, 1, 0)	36
18857	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 11, 3, 1, 1, 1, 1, 1, 2, 0)	19
18859	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 5, 2, 1, 4, 3, 2, 1, 1, 3, 2, 1, 1, 2, 1, 1, 1, 1, 2, 2, 2, 1, 0)	38
18861	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 4, 1, 1, 1, 3, 2, 1, 2, 2, 3, 0)	36
18863	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 3, 3, 4, 1, 2, 1, 2, 4, 2, 1, 1, 1, 0)	55
18865	(4, 5, 1, 7, 1, 3, 4, 2, 0)	9
18867	(4, 5, 1, 7, 1, 5, 3, 1, 0)	9
18869	(4, 3, 2, 1, 3, 1, 2, 4, 6, 1, 2, 2, 2, 1, 1, 1, 2, 5, 0)	19

18871	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 7, 2, 1, 1, 1, 1, 3, 3, 1, 3, 1, 1, 0)	55
18873	(4, 5, 1, 7, 5, 2, 1, 2, 0)	9
18875	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 7, 2, 1, 1, 2, 2, 1, 2, 2, 1, 2, 2, 1, 1, 4, 1, 3, 1, 1, 1, 1, 3, 1, 2, 2, 1, 2, 1, 1, 3, 1, 1, 2, 2, 2, 2, 1, 1, 1, 1, 1, 1, 1, 2, 3, 1, 2, 1, 0)	96
18877	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 2, 6, 1, 2, 1, 1, 2, 2, 2, 2, 1, 2, 1, 1, 3, 0)	36
18879	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 1, 5, 1, 2, 3, 1, 1, 1, 3, 2, 1, 1, 2, 2, 3, 3, 3, 2, 1, 1, 2, 1, 1, 1, 1, 1, 0)	38
18881	(4, 3, 2, 1, 3, 1, 2, 4, 6, 1, 2, 4, 1, 1, 1, 3, 2, 2, 0)	19
18883	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 3, 1, 1, 3, 2, 3, 2, 1, 1, 1, 1, 1, 4, 1, 0)	36
18885	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 7, 4, 0)	43
18887	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 4, 1, 1, 3, 1, 1, 1, 1, 5, 5, 1, 2, 1, 4, 1, 3, 1, 2, 1, 1, 1, 2, 2, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 4, 1, 1, 1, 2, 2, 3, 2, 1, 1, 1, 1, 2, 1, 1, 1, 1, 4, 2, 1, 1, 2, 2, 2, 2, 1, 1, 0)	84
18889	(4, 3, 2, 1, 3, 1, 2, 6, 1, 2, 3, 4, 1, 2, 4, 1, 1, 2, 0)	19
18891	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 1, 2, 2, 3, 2, 4, 2, 1, 0)	19
18893	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 1, 4, 1, 1, 2, 2, 3, 3, 0)	19
18895	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 5, 4, 1, 1, 3, 1, 2, 2, 1, 3, 1, 1, 1, 0)	55
18897	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 1, 4, 1, 1, 4, 1, 3, 2, 0)	19
18899	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 1, 2, 6, 2, 1, 1, 3, 1, 0)	19
18901	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 7, 0)	19
18903	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 4, 1, 1, 5, 1, 3, 1, 3, 1, 2, 1, 1, 4, 1, 1, 0)	55
18905	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 1, 4, 6, 1, 2, 0)	19
18907	(4, 3, 2, 1, 3, 1, 2, 6, 1, 6, 2, 1, 1, 5, 1, 1, 2, 1, 0)	19
18909	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 1, 6, 3, 1, 3, 0)	19
18911	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 6, 4, 2, 4, 1, 1, 1, 1, 1, 3, 1, 1, 1, 1, 0)	55
18913	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 3, 3, 4, 1, 1, 1, 2, 2, 0)	19
18915	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 7, 1, 0)	19
18917	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 1, 4, 6, 1, 1, 2, 1, 4, 0)	19

18919	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 3, 1, 3, 2, 1, 1, 1, 3, 1, 6, 1, 2, 1, 3, 1, 1, 2, 1, 1, 0)	36
18921	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 9, 1, 3, 1, 1, 1, 2, 1, 1, 1, 3, 1, 2, 1, 1, 1, 2, 0)	36
18923	(4, 3, 2, 1, 3, 1, 2, 6, 3, 5, 4, 1, 1, 1, 1, 2, 2, 1, 0)	19
18925	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 1, 6, 1, 4, 2, 1, 2, 3, 0)	19
18927	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 2, 2, 1, 2, 2, 4, 1, 3, 1, 1, 3, 4, 2, 1, 2, 1, 1, 3, 1, 2, 1, 1, 2, 1, 1, 1, 0)	72
18929	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 3, 1, 5, 2, 0)	19
18931	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 1, 6, 3, 3, 1, 2, 3, 1, 0)	19
18933	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 4, 1, 1, 1, 2, 1, 1, 1, 5, 0)	31
18935	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 3, 2, 2, 6, 1, 3, 2, 1, 2, 3, 1, 1, 1, 1, 1, 3, 1, 1, 1, 2, 3, 1, 1, 0)	36
18937	(4, 3, 2, 1, 3, 1, 2, 10, 2, 2, 2, 1, 2, 2, 1, 2, 1, 2, 0)	19
18939	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 2, 2, 1, 5, 1, 2, 1, 2, 1, 0)	31
18941	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 5, 3, 2, 2, 2, 3, 3, 2, 1, 2, 1, 1, 1, 1, 1, 3, 0)	55
18943	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 1, 2, 1, 5, 1, 2, 2, 3, 1, 2, 6, 1, 2, 1, 3, 2, 1, 1, 3, 1, 1, 1, 2, 1, 4, 3, 1, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 1, 1, 1, 1, 0)	84
18945	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 4, 1, 1, 1, 4, 1, 2, 2, 1, 2, 2, 2, 2, 0)	31
18947	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 1, 3, 2, 4, 1, 0)	19
18949	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 3, 1, 1, 1, 2, 2, 4, 0)	19
18951	(4, 3, 2, 1, 3, 1, 4, 1, 2, 5, 2, 5, 1, 2, 3, 2, 1, 1, 0)	19
18953	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 0)	19
18955	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 3, 1, 1, 3, 3, 2, 1, 0)	19
18957	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 4, 3, 0)	43
18959	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 4, 1, 2, 3, 2, 1, 1, 1, 4, 1, 1, 5, 1, 1, 1, 1, 3, 1, 2, 1, 1, 1, 5, 1, 1, 1, 0)	72
18961	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 7, 3, 2, 0)	43
18963	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 5, 4, 2, 2, 1, 1, 2, 4, 1, 1, 1, 1, 2, 2, 2, 1, 3, 1, 0)	55
18965	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 1, 2, 1, 1, 1, 2, 1, 2, 6, 0)	55
18967	(8, 2, 5, 1, 1, 2, 1, 4, 2, 1, 2, 2, 5, 1, 1, 0)	16

18969	(8, 2, 5, 1, 1, 2, 1, 4, 2, 1, 4, 1, 3, 1, 2, 0)	16
18971	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 4, 1, 4, 1, 4, 1, 1, 2, 6, 1, 1, 1, 1, 2, 1, 0)	31
18973	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 3, 1, 3, 4, 2, 1, 3, 0)	19
18975	(8, 2, 5, 1, 1, 2, 1, 4, 6, 2, 2, 1, 1, 1, 1, 0)	16
18977	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 3, 1, 5, 3, 1, 2, 2, 0)	19
18979	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 1, 2, 1, 1, 1, 2, 3, 5, 1, 0)	55
18981	(8, 2, 5, 1, 1, 2, 3, 3, 3, 1, 1, 2, 1, 1, 4, 0)	16
18983	(8, 2, 5, 1, 1, 2, 3, 3, 1, 2, 5, 1, 2, 1, 1, 0)	16
18985	(8, 2, 3, 2, 5, 3, 3, 3, 1, 2, 1, 1, 1, 1, 2, 0)	16
18987	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 1, 2, 1, 1, 1, 6, 2, 2, 1, 0)	55
18989	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 1, 2, 1, 1, 3, 1, 3, 2, 3, 0)	55
18991	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 4, 3, 5, 1, 2, 2, 1, 4, 1, 1, 2, 2, 1, 1, 1, 0)	31
18993	(8, 2, 3, 6, 2, 1, 2, 2, 1, 2, 1, 1, 1, 4, 2, 0)	16
18995	(8, 2, 3, 6, 2, 1, 2, 2, 1, 2, 1, 1, 3, 3, 1, 0)	16
18997	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 5, 5, 0)	26
18999	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 3, 5, 1, 3, 1, 1, 1, 1, 2, 5, 2, 2, 2, 1, 1, 2, 1, 1, 1, 1, 3, 1, 1, 0)	36
19001	(8, 2, 5, 1, 3, 1, 5, 1, 2, 1, 2, 2, 2, 1, 2, 0)	16
19003	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 3, 1, 1, 1, 3, 4, 1, 2, 1, 0)	55
19005	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 4, 1, 1, 3, 0)	60
19007	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 3, 1, 1, 7, 1, 1, 1, 1, 1, 0)	55
19009	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 7, 4, 2, 2, 0)	43
19011	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 9, 1, 4, 1, 0)	43
19013	(10, 1, 1, 4, 2, 3, 1, 1, 1, 2, 2, 1, 2, 3, 4, 0)	16
19015	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 7, 2, 4, 1, 2, 2, 1, 1, 0)	19

19017	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 2, 2, 1, 1, 2, 1, 2, 3, 1, 4, 1, 1, 1, 1, 2, 2, 1, 2, 4, 1, 3, 1, 1, 2, 0)	72
19019	(10, 1, 1, 4, 2, 3, 1, 1, 1, 2, 2, 1, 6, 2, 1, 0)	16
19021	(10, 1, 1, 4, 2, 3, 1, 1, 1, 2, 2, 3, 1, 3, 3, 0)	16
19023	(10, 1, 1, 4, 2, 1, 2, 1, 3, 4, 3, 3, 1, 1, 1, 0)	16
19025	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 4, 3, 2, 2, 1, 1, 1, 5, 1, 1, 3, 3, 2, 2, 1, 1, 2, 1, 2, 1, 1, 2, 2, 1, 1, 2, 1, 1, 3, 2, 0)	72
19027	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 4, 3, 2, 2, 1, 1, 1, 5, 1, 1, 3, 3, 2, 2, 1, 1, 2, 1, 2, 1, 1, 2, 2, 1, 3, 1, 1, 1, 3, 1, 0)	72
19029	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 1, 8, 0)	26
19031	(10, 1, 1, 4, 2, 3, 1, 1, 1, 4, 1, 3, 4, 1, 1, 0)	16
19033	(10, 1, 1, 4, 2, 1, 2, 5, 2, 1, 1, 1, 4, 1, 2, 0)	16
19035	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 3, 3, 4, 2, 2, 2, 1, 3, 2, 2, 1, 2, 1, 1, 2, 1, 0)	31
19037	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 7, 1, 3, 0)	26
19039	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 1, 2, 1, 1, 2, 3, 4, 1, 1, 2, 3, 1, 2, 4, 1, 1, 1, 1, 0)	36
19041	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 1, 2, 1, 3, 1, 1, 2, 4, 2, 1, 2, 1, 1, 4, 1, 1, 2, 2, 0)	36
19043	(4, 5, 7, 1, 2, 1, 6, 1, 0)	9
19045	(4, 5, 7, 1, 2, 3, 1, 4, 0)	9
19047	(10, 1, 1, 4, 2, 3, 1, 5, 4, 1, 1, 1, 2, 1, 1, 0)	16
19049	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 4, 2, 3, 2, 4, 1, 2, 1, 1, 1, 2, 2, 3, 1, 2, 1, 1, 2, 1, 1, 1, 5, 1, 3, 1, 1, 1, 2, 0)	72
19051	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 4, 2, 3, 2, 4, 1, 2, 1, 1, 1, 2, 2, 3, 1, 2, 1, 3, 1, 1, 1, 1, 1, 4, 2, 1, 2, 2, 1, 0)	72
19053	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 4, 2, 3, 2, 4, 1, 2, 1, 1, 1, 2, 2, 1, 6, 3, 1, 1, 1, 1, 1, 1, 1, 2, 1, 1, 1, 2, 3, 0)	72
19055	(4, 5, 1, 5, 2, 3, 3, 5, 1, 2, 1, 3, 3, 2, 2, 1, 2, 1, 1, 1, 1, 2, 1, 2, 3, 1, 1, 1, 1, 2, 2, 2, 2, 1, 1, 3, 1, 1, 2, 1, 2, 1, 2, 2, 1, 2, 1, 1, 1, 0)	50
19057	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 7, 2, 0)	26
19059	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 3, 1, 1, 3, 2, 2, 1, 1, 1, 2, 4, 1, 1, 1, 2, 2, 3, 1, 0)	36
19061	(10, 1, 3, 3, 1, 2, 1, 4, 1, 1, 2, 1, 2, 1, 5, 0)	16
19063	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 7, 3, 1, 1, 0)	26

19065	(4, 3, 2, 1, 3, 1, 4, 3, 1, 5, 4, 1, 4, 1, 1, 2, 1, 2, 0)	19
19067	(10, 1, 3, 3, 1, 2, 1, 2, 2, 3, 4, 2, 1, 2, 1, 0)	16
19069	(4, 3, 2, 1, 1, 4, 2, 2, 3, 1, 4, 2, 4, 4, 1, 1, 2, 1, 1, 1, 1, 4, 1, 2, 2, 2, 1, 3, 1, 1, 2, 1, 1, 1, 3, 0)	36
19071	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 4, 1, 7, 1, 1, 1, 1, 2, 2, 1, 1, 2, 2, 2, 2, 3, 1, 2, 1, 1, 1, 1, 1, 1, 0)	72
19073	(8, 8, 1, 1, 4, 1, 3, 1, 2, 1, 1, 1, 2, 2, 2, 0)	16
19075	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 5, 4, 1, 0)	26
19077	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 4, 0)	26
19079	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 6, 4, 2, 1, 1, 0)	26
19081	(10, 1, 3, 3, 1, 2, 3, 3, 4, 1, 1, 2, 1, 1, 2, 0)	16
19083	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 3, 1, 3, 2, 1, 0)	26
19085	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 1, 2, 1, 1, 1, 1, 5, 3, 0)	36
19087	(10, 1, 3, 3, 1, 6, 2, 2, 1, 1, 1, 4, 1, 1, 1, 0)	16
19089	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 5, 3, 1, 2, 1, 2, 3, 2, 0)	26
19091	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 5, 3, 1, 2, 3, 1, 3, 1, 0)	26
19093	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 3, 1, 1, 1, 1, 1, 1, 6, 0)	36
19095	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 1, 2, 1, 1, 1, 7, 1, 1, 0)	36
19097	(4, 3, 2, 1, 1, 4, 4, 5, 2, 1, 2, 3, 2, 1, 2, 1, 3, 2, 3, 1, 2, 2, 1, 1, 1, 2, 1, 1, 1, 2, 2, 1, 1, 3, 1, 1, 1, 4, 1, 1, 1, 2, 1, 2, 3, 1, 2, 0)	48
19099	(4, 3, 2, 1, 1, 4, 4, 5, 2, 1, 2, 3, 2, 1, 2, 1, 3, 2, 3, 1, 2, 2, 1, 1, 1, 2, 1, 1, 1, 2, 2, 1, 1, 1, 2, 1, 3, 4, 3, 1, 1, 2, 1, 1, 1, 2, 1, 0)	48
19101	(4, 3, 2, 1, 3, 1, 4, 3, 7, 1, 2, 2, 1, 2, 1, 2, 1, 3, 0)	19
19103	(4, 3, 2, 1, 3, 3, 3, 6, 1, 1, 1, 1, 1, 1, 5, 5, 2, 1, 2, 1, 1, 2, 4, 1, 1, 2, 1, 1, 1, 1, 0)	31
19105	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 1, 2, 5, 1, 2, 1, 2, 1, 2, 2, 0)	36
19107	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 1, 2, 1, 5, 3, 1, 2, 1, 1, 1, 1, 1, 1, 5, 1, 0)	36
19109	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 1, 2, 1, 5, 3, 3, 1, 1, 1, 1, 1, 1, 1, 1, 4, 0)	36
19111	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 1, 2, 1, 3, 4, 2, 3, 1, 2, 1, 2, 1, 2, 1, 1, 0)	36
19113	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 1, 6, 1, 3, 1, 2, 5, 2, 1, 1, 3, 2, 2, 3, 1, 1, 3, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 2, 0)	72
19115	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 6, 2, 2, 2, 2, 2, 1, 0)	26
19117	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 3, 1, 3, 2, 2, 2, 2, 3, 0)	26

19119	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 5, 2, 1, 4, 3, 2, 1, 1, 1, 0)	26
19121	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 1, 5, 1, 2, 1, 2, 1, 1, 1, 2, 2, 2, 4, 2, 0)	26
19123	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 1, 5, 1, 2, 1, 2, 1, 1, 1, 2, 2, 4, 3, 1, 0)	26
19125	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 5, 2, 2, 2, 5, 0)	43
19127	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 2, 2, 1, 5, 1, 2, 1, 2, 3, 2, 1, 2, 2, 2, 3, 1, 1, 2, 1, 1, 1, 1, 1, 3, 2, 1, 1, 1, 1, 1, 1, 1, 1, 1, 2, 1, 2, 2, 1, 2, 3, 1, 2, 3, 2, 1, 3, 1, 1, 0)	72
19129	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 1, 5, 1, 2, 1, 2, 1, 1, 1, 4, 3, 2, 1, 2, 0)	26
19131	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 3, 5, 2, 1, 3, 1, 2, 1, 0)	26
19133	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 1, 5, 1, 2, 1, 2, 1, 1, 3, 3, 2, 1, 1, 3, 0)	26
19135	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 2, 2, 1, 5, 1, 2, 1, 2, 3, 2, 1, 2, 2, 2, 3, 1, 1, 2, 1, 1, 1, 1, 1, 3, 2, 1, 1, 1, 1, 1, 1, 1, 1, 1, 2, 1, 2, 2, 3, 5, 2, 1, 2, 2, 1, 1, 1, 1, 1, 0)	72
19137	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 5, 4, 3, 2, 2, 0)	43
19139	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 1, 5, 1, 2, 3, 1, 1, 1, 3, 2, 1, 1, 4, 1, 0)	26
19141	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 2, 4, 4, 0)	24
19143	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 2, 2, 1, 5, 1, 2, 1, 2, 3, 2, 1, 2, 2, 2, 3, 1, 1, 2, 1, 1, 1, 1, 1, 3, 2, 1, 1, 1, 1, 1, 1, 1, 1, 3, 1, 5, 1, 1, 2, 1, 1, 1, 1, 1, 4, 2, 2, 1, 1, 0)	72
19145	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 7, 5, 1, 1, 2, 0)	43
19147	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 3, 2, 2, 2, 2, 2, 3, 1, 1, 2, 1, 2, 1, 2, 2, 2, 1, 1, 4, 2, 1, 0)	55
19149	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 3, 3, 0)	24
19151	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 4, 1, 1, 3, 1, 1, 1, 1, 5, 5, 1, 2, 1, 4, 1, 3, 1, 2, 1, 1, 1, 2, 2, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 4, 1, 1, 1, 2, 2, 3, 2, 1, 1, 1, 3, 1, 1, 1, 0)	72
19153	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 5, 3, 2, 1, 1, 2, 3, 1, 1, 1, 1, 1, 1, 1, 2, 2, 3, 2, 1, 3, 2, 0)	55
19155	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 5, 3, 2, 1, 1, 2, 3, 1, 1, 1, 1, 1, 1, 1, 2, 2, 5, 1, 1, 3, 1, 0)	55
19157	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 7, 0)	43
19159	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 5, 3, 2, 1, 1, 2, 3, 1, 1, 1, 1, 1, 1, 1, 4, 1, 3, 1, 4, 1, 1, 0)	55
19161	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 4, 5, 1, 2, 0)	24

19163	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 5, 3, 2, 1, 1, 2, 1, 2, 1, 1, 1, 1, 7, 1, 1, 1, 3, 1, 1, 2, 1, 0)	55
19165	(4, 9, 4, 2, 1, 3, 1, 3, 0)	9
19167	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 2, 5, 1, 4, 1, 6, 2, 1, 2, 2, 1, 2, 2, 1, 1, 1, 1, 2, 1, 1, 1, 2, 1, 2, 1, 2, 1, 1, 4, 3, 1, 1, 1, 1, 0)	48
19169	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 5, 3, 2, 1, 1, 2, 3, 1, 1, 1, 1, 1, 5, 2, 2, 1, 1, 1, 1, 2, 2, 0)	55
19171	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 8, 1, 0)	43
19173	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 3, 3, 2, 1, 4, 0)	24
19175	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 1, 2, 2, 4, 3, 4, 2, 1, 2, 1, 2, 3, 1, 1, 1, 2, 1, 1, 2, 1, 1, 0)	72
19177	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 1, 2, 4, 3, 2, 1, 2, 1, 2, 2, 2, 2, 2, 2, 1, 2, 2, 1, 1, 1, 2, 0)	72
19179	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 1, 4, 5, 1, 1, 1, 1, 1, 1, 2, 2, 2, 4, 1, 1, 3, 1, 1, 2, 2, 1, 0)	72
19181	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 2, 2, 1, 2, 2, 4, 1, 1, 2, 1, 3, 1, 2, 3, 0)	60
19183	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 1, 3, 1, 2, 2, 1, 4, 1, 1, 1, 2, 3, 2, 1, 3, 1, 2, 1, 2, 3, 2, 1, 1, 4, 2, 1, 1, 1, 2, 1, 1, 1, 0)	48
19185	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 4, 5, 2, 0)	43
19187	(4, 3, 2, 1, 7, 4, 1, 1, 2, 3, 4, 2, 2, 4, 1, 2, 1, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 1, 1, 3, 2, 1, 3, 1, 2, 1, 1, 1, 1, 2, 3, 1, 0)	43
19189	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 3, 1, 3, 2, 1, 1, 5, 0)	24
19191	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 6, 2, 2, 3, 1, 1, 0)	24
19193	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 3, 2, 2, 4, 2, 1, 4, 1, 2, 1, 2, 0)	24
19195	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 3, 3, 2, 1, 1, 2, 2, 4, 1, 4, 1, 2, 1, 1, 2, 1, 1, 2, 1, 2, 1, 0)	72
19197	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 2, 2, 1, 4, 5, 1, 1, 2, 2, 1, 1, 1, 1, 3, 0)	60
19199	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 2, 2, 1, 4, 3, 6, 2, 1, 1, 1, 1, 1, 1, 1, 0)	60
19201	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 4, 1, 3, 2, 1, 1, 2, 1, 1, 1, 4, 2, 2, 2, 0)	60

19203	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 4, 1, 3, 2, 1, 1, 2, 1, 1, 3, 1, 2, 4, 1, 0)	60
19205	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 5, 3, 2, 4, 0)	43
19207	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 3, 1, 1, 3, 2, 1, 1, 4, 2, 1, 1, 2, 1, 3, 1, 2, 2, 1, 2, 1, 3, 2, 1, 1, 0)	72
19209	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 3, 4, 5, 1, 2, 1, 2, 2, 1, 1, 2, 0)	24
19211	(4, 5, 1, 1, 5, 1, 2, 2, 4, 3, 3, 2, 1, 4, 1, 2, 1, 1, 1, 1, 1, 2, 3, 2, 1, 0)	26
19213	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 4, 1, 2, 3, 2, 1, 1, 1, 2, 2, 1, 1, 4, 3, 0)	60
19215	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 11, 1, 1, 1, 0)	43
19217	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 4, 1, 2, 3, 2, 1, 1, 1, 2, 2, 1, 3, 3, 2, 0)	60
19219	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 4, 1, 3, 4, 1, 2, 1, 3, 1, 0)	24
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19223	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 4, 1, 2, 3, 2, 1, 1, 1, 4, 1, 1, 5, 1, 1, 0)	60
19225	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 4, 5, 2, 1, 1, 1, 3, 1, 2, 0)	24
19227	(10, 1, 1, 4, 2, 3, 1, 1, 1, 2, 2, 1, 2, 5, 3, 2, 1, 1, 1, 3, 3, 1, 1, 2, 1, 1, 2, 2, 2, 1, 1, 1, 2, 1, 2, 1, 3, 2, 1, 2, 1, 5, 1, 1, 1, 2, 2, 2, 1, 1, 1, 1, 1, 1, 2, 1, 0)	57
19229	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 5, 4, 2, 2, 1, 3, 0)	43
19231	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 2, 4, 4, 2, 2, 3, 1, 1, 3, 2, 1, 1, 1, 1, 0)	60
19233	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 7, 1, 4, 1, 2, 2, 0)	43
19235	(4, 3, 2, 5, 4, 1, 2, 1, 2, 3, 2, 5, 1, 0)	14
19237	(4, 3, 2, 5, 4, 1, 2, 1, 2, 5, 1, 1, 4, 0)	14
19239	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 4, 3, 1, 3, 1, 2, 4, 1, 1, 3, 1, 2, 1, 1, 0)	60
19241	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 4, 3, 4, 1, 4, 1, 1, 1, 1, 2, 0)	24
19243	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 5, 2, 1, 1, 4, 1, 1, 2, 3, 2, 2, 1, 0)	24
19245	(4, 3, 2, 5, 4, 1, 2, 3, 1, 1, 4, 2, 3, 0)	14
19247	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 8, 2, 1, 1, 3, 2, 2, 1, 1, 1, 0)	24

19249	(4, 3, 2, 5, 4, 1, 2, 3, 1, 3, 1, 4, 2, 0)	14
19251	(4, 3, 2, 5, 4, 1, 2, 3, 1, 3, 3, 3, 1, 0)	14
19253	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 4, 3, 5, 0)	19
19255	(4, 3, 2, 5, 2, 6, 3, 3, 1, 1, 3, 1, 1, 0)	14
19257	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 1, 4, 2, 1, 3, 1, 2, 1, 1, 2, 1, 4, 4, 1, 1, 1, 2, 1, 2, 2, 1, 2, 0)	36
19259	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 3, 5, 1, 1, 2, 1, 1, 5, 1, 2, 1, 0)	24
19261	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 3, 5, 1, 3, 1, 1, 1, 3, 1, 1, 3, 0)	24
19263	(10, 1, 3, 3, 1, 2, 1, 4, 1, 1, 2, 1, 2, 1, 5, 1, 1, 3, 1, 1, 2, 1, 2, 1, 1, 2, 1, 2, 2, 2, 2, 1, 1, 3, 1, 2, 1, 3, 2, 1, 4, 1, 1, 1, 2, 1, 3, 1, 1, 2, 3, 1, 1, 1, 1, 1, 0)	57
19265	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 8, 2, 2, 0)	19
19267	(4, 3, 2, 5, 4, 3, 1, 3, 2, 2, 1, 4, 1, 0)	14
19269	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 5, 2, 1, 3, 4, 0)	43
19271	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 9, 1, 1, 2, 2, 1, 1, 2, 2, 1, 1, 0)	24
19273	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 0)	48
19275	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 5, 2, 5, 2, 1, 0)	43
19277	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 3, 0)	43
19279	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 3, 1, 1, 1, 3, 2, 3, 1, 1, 1, 0)	48
19281	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 5, 2, 2, 1, 2, 2, 2, 1, 1, 1, 3, 2, 0)	24
19283	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 5, 2, 2, 1, 2, 4, 1, 1, 1, 1, 3, 1, 0)	24
19285	(8, 2, 9, 0)	4
19287	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 4, 3, 2, 2, 1, 1, 1, 5, 1, 1, 1, 4, 1, 1, 2, 4, 1, 1, 0)	60
19289	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 2, 2, 1, 1, 2, 1, 2, 1, 4, 4, 1, 2, 0)	60
19291	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 4, 3, 2, 2, 1, 1, 1, 5, 1, 1, 3, 3, 2, 2, 1, 1, 2, 1, 0)	60
19293	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 2, 2, 1, 1, 2, 1, 2, 3, 1, 4, 1, 3, 0)	60
19295	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 7, 1, 6, 1, 1, 1, 1, 0)	43

19297	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 3, 1, 1, 1, 1, 1, 3, 1, 3, 3, 1, 1, 2, 2, 1, 1, 2, 4, 2, 2, 1, 1, 1, 1, 1, 2, 2, 1, 4, 1, 1, 1, 1, 1, 1, 2, 3, 1, 1, 2, 4, 1, 1, 1, 2, 1, 1, 2, 2, 0)	77
19299	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 3, 3, 6, 1, 0)	19
19301	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 3, 5, 1, 4, 0)	19
19303	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 4, 3, 2, 2, 1, 1, 7, 1, 3, 3, 1, 1, 1, 1, 1, 2, 1, 1, 0)	60
19305	(4, 3, 2, 7, 3, 4, 2, 1, 4, 1, 1, 1, 2, 0)	14
19307	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 2, 2, 1, 1, 2, 3, 1, 5, 1, 2, 2, 1, 0)	60
19309	(4, 3, 2, 1, 1, 4, 4, 1, 5, 3, 1, 1, 1, 5, 1, 2, 1, 5, 1, 1, 1, 1, 1, 1, 3, 1, 1, 2, 1, 1, 3, 1, 1, 2, 3, 0)	36
19311	(4, 3, 2, 1, 1, 4, 4, 1, 3, 6, 1, 2, 1, 2, 2, 1, 4, 2, 1, 1, 2, 1, 2, 1, 4, 1, 1, 1, 2, 3, 1, 2, 1, 1, 1, 0)	36
19313	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 1, 2, 1, 1, 6, 2, 0)	24
19315	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 7, 2, 3, 1, 0)	19
19317	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 1, 2, 1, 3, 1, 5, 0)	24
19319	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 4, 2, 3, 2, 4, 1, 2, 1, 1, 1, 2, 2, 3, 3, 1, 1, 0)	60
19321	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 2, 2, 2, 1, 3, 5, 2, 1, 1, 1, 2, 1, 2, 0)	60
19323	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 4, 1, 1, 1, 3, 2, 1, 2, 2, 1, 1, 3, 3, 1, 2, 1, 2, 1, 1, 1, 1, 2, 3, 2, 3, 2, 1, 1, 2, 2, 1, 2, 1, 1, 2, 2, 1, 2, 1, 0)	65
19325	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 7, 3, 1, 1, 1, 3, 0)	43
19327	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 6, 2, 2, 2, 2, 2, 1, 1, 1, 1, 1, 2, 3, 1, 4, 1, 3, 2, 1, 4, 3, 3, 3, 1, 1, 3, 1, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 1, 1, 1, 1, 3, 1, 1, 1, 1, 1, 1, 0)	67
19329	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 3, 1, 1, 2, 1, 2, 2, 2, 1, 4, 1, 2, 1, 1, 2, 3, 2, 1, 1, 1, 1, 4, 1, 1, 2, 1, 2, 2, 2, 0)	48
19331	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 3, 1, 1, 3, 4, 1, 0)	24
19333	(4, 3, 2, 1, 1, 4, 2, 2, 3, 1, 4, 2, 4, 4, 1, 1, 2, 1, 1, 1, 1, 2, 4, 0)	24
19335	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 1, 2, 3, 1, 5, 2, 1, 1, 0)	24
19337	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 4, 3, 2, 4, 1, 1, 1, 2, 1, 2, 1, 1, 2, 0)	60
19339	(4, 3, 2, 1, 1, 4, 2, 2, 3, 1, 4, 2, 4, 4, 1, 3, 1, 1, 1, 1, 3, 2, 1, 0)	24

19341	(8, 8, 3, 0)	4
19343	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 2, 2, 3, 2, 3, 1, 3, 2, 4, 1, 1, 1, 0)	24
19345	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 5, 2, 2, 3, 2, 0)	19
19347	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 5, 4, 1, 3, 1, 0)	19
19349	(4, 3, 2, 1, 3, 3, 3, 6, 1, 1, 1, 1, 1, 1, 3, 2, 1, 6, 0)	19
19351	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 4, 1, 3, 1, 2, 1, 2, 1, 2, 6, 1, 1, 0)	24
19353	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 4, 1, 3, 1, 2, 1, 2, 1, 4, 3, 1, 2, 0)	24
19355	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 5, 6, 1, 1, 1, 2, 1, 0)	43
19357	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 5, 3, 2, 3, 2, 2, 1, 3, 1, 1, 4, 1, 1, 2, 1, 1, 2, 1, 3, 0)	60
19359	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 5, 3, 2, 3, 2, 2, 1, 3, 1, 1, 2, 2, 5, 1, 2, 1, 1, 1, 1, 0)	60
19361	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 4, 1, 3, 1, 2, 3, 1, 3, 2, 1, 2, 2, 0)	24
19363	(4, 3, 2, 1, 3, 3, 3, 6, 1, 1, 1, 1, 1, 1, 5, 1, 5, 1, 0)	19
19365	(4, 3, 2, 1, 1, 4, 4, 5, 2, 1, 2, 3, 2, 1, 2, 1, 3, 2, 3, 1, 2, 2, 1, 1, 1, 2, 1, 1, 1, 2, 2, 1, 1, 1, 4, 0)	36
19367	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 1, 4, 2, 3, 2, 1, 4, 2, 1, 2, 2, 2, 1, 2, 1, 1, 0)	60
19369	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 1, 4, 1, 3, 3, 5, 2, 1, 1, 1, 1, 1, 2, 0)	24
19371	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 7, 1, 2, 2, 2, 1, 0)	19
19373	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 3, 1, 6, 1, 1, 1, 1, 2, 1, 2, 3, 1, 1, 2, 2, 3, 0)	60
19375	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 3, 1, 6, 1, 1, 1, 1, 2, 1, 2, 1, 6, 2, 1, 1, 1, 0)	60
19377	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 1, 4, 4, 2, 0)	24
19379	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 1, 6, 3, 1, 0)	24
19381	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 1, 2, 5, 0)	24
19383	(4, 3, 2, 1, 3, 3, 3, 6, 1, 1, 1, 1, 1, 7, 1, 3, 1, 1, 0)	19
19385	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 3, 3, 2, 2, 1, 2, 1, 2, 1, 4, 2, 1, 2, 0)	24
19387	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 3, 3, 2, 2, 1, 2, 1, 2, 3, 3, 1, 2, 1, 0)	24
19389	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 3, 3, 1, 4, 2, 4, 1, 1, 2, 1, 1, 1, 2, 1, 1, 3, 0)	60

19391	(4, 3, 8, 1, 2, 2, 1, 3, 1, 6, 1, 1, 2, 2, 4, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 0)	26
19393	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 1, 1, 1, 1, 4, 2, 1, 1, 1, 3, 1, 1, 1, 2, 1, 1, 4, 1, 2, 1, 2, 1, 2, 1, 3, 2, 2, 0)	48
19395	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 1, 1, 1, 1, 4, 2, 1, 1, 1, 3, 1, 1, 1, 2, 1, 1, 4, 1, 2, 1, 2, 3, 1, 1, 1, 4, 1, 0)	48
19397	(10, 5, 4, 0)	4
19399	(4, 3, 6, 4, 4, 3, 1, 1, 3, 1, 1, 1, 2, 5, 1, 1, 2, 1, 1, 1, 2, 2, 2, 1, 1, 0)	26
19401	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 1, 1, 1, 1, 4, 2, 1, 1, 1, 1, 2, 1, 5, 1, 2, 1, 1, 2, 1, 2, 1, 2, 1, 4, 1, 1, 2, 0)	48
19403	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 4, 1, 1, 1, 1, 1, 1, 1, 1, 3, 4, 2, 1, 0)	24
19405	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 2, 2, 1, 5, 1, 2, 1, 2, 3, 2, 1, 2, 2, 2, 3, 1, 1, 2, 1, 1, 1, 1, 1, 3, 2, 1, 1, 1, 1, 1, 1, 1, 1, 1, 2, 3, 3, 0)	60
19407	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 1, 1, 1, 1, 4, 2, 1, 1, 1, 3, 1, 1, 3, 1, 1, 3, 2, 1, 2, 1, 2, 3, 1, 3, 1, 1, 1, 0)	48
19409	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 2, 2, 1, 5, 1, 2, 1, 2, 3, 2, 1, 2, 2, 2, 3, 1, 1, 2, 1, 1, 1, 1, 1, 3, 2, 1, 1, 1, 1, 1, 1, 1, 1, 1, 3, 1, 3, 2, 0)	60
19411	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 3, 2, 2, 6, 1, 3, 2, 1, 2, 1, 2, 1, 1, 1, 1, 5, 3, 1, 3, 1, 1, 1, 1, 1, 5, 1, 1, 2, 2, 2, 1, 2, 1, 1, 2, 1, 1, 1, 1, 1, 1, 2, 1, 2, 1, 2, 1, 2, 1, 1, 3, 1, 0)	65
19413	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 1, 7, 0)	14
19415	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 4, 1, 1, 3, 1, 1, 1, 1, 5, 5, 1, 2, 1, 4, 1, 3, 1, 2, 1, 1, 1, 2, 2, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 4, 1, 1, 0)	60
19417	(16, 1, 2, 0)	4
19419	(4, 3, 2, 1, 3, 3, 5, 1, 4, 2, 2, 2, 2, 4, 1, 1, 2, 1, 0)	19
19421	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 3, 2, 2, 2, 2, 2, 3, 1, 3, 0)	43
19423	(4, 3, 2, 1, 3, 3, 5, 1, 4, 4, 3, 2, 1, 3, 1, 1, 1, 1, 0)	19
19425	(4, 3, 2, 1, 3, 3, 5, 3, 1, 2, 4, 3, 2, 1, 1, 1, 2, 2, 0)	19
19427	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 7, 1, 0)	14
19429	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 1, 2, 2, 2, 4, 1, 2, 1, 4, 0)	60
19431	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 3, 2, 4, 5, 1, 1, 2, 1, 1, 0)	43
19433	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 2, 5, 1, 4, 1, 6, 2, 1, 2, 2, 1, 2, 2, 1, 1, 1, 1, 2, 1, 1, 1, 2, 0)	36

19435	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 3, 4, 5, 1, 1, 1, 2, 2, 1, 0)	43
19437	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 3, 5, 3, 2, 1, 1, 2, 1, 2, 3, 0)	43
19439	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 2, 5, 3, 3, 6, 1, 1, 2, 1, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 1, 1, 1, 0)	36
19441	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 5, 2, 0)	14
19443	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 1, 2, 4, 3, 2, 1, 2, 3, 1, 0)	60
19445	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 1, 4, 3, 2, 1, 1, 1, 1, 5, 0)	60
19447	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 1, 3, 1, 2, 2, 1, 4, 1, 1, 1, 2, 3, 2, 1, 3, 1, 2, 3, 1, 1, 0)	36
19449	(4, 3, 2, 1, 1, 4, 2, 2, 7, 2, 6, 1, 2, 2, 1, 1, 1, 1, 2, 1, 2, 1, 2, 0)	24
19451	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 1, 3, 1, 2, 2, 1, 4, 1, 1, 3, 1, 1, 4, 2, 2, 1, 2, 1, 2, 1, 0)	36
19453	(4, 3, 2, 1, 7, 4, 1, 1, 2, 3, 4, 2, 2, 4, 1, 2, 1, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 1, 1, 3, 0)	31
19455	(4, 3, 2, 1, 7, 4, 1, 1, 2, 5, 1, 2, 2, 2, 2, 1, 3, 1, 3, 4, 2, 1, 1, 1, 1, 1, 1, 1, 1, 1, 0)	31
19457	(4, 5, 1, 1, 3, 4, 2, 4, 3, 2, 2, 2, 2, 0)	14
19459	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 3, 3, 2, 1, 1, 2, 2, 4, 1, 0)	60
19461	(4, 5, 1, 1, 5, 1, 2, 2, 2, 4, 2, 2, 4, 0)	14
19463	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 3, 3, 2, 1, 3, 3, 2, 1, 1, 0)	60
19465	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 1, 2, 1, 3, 5, 1, 1, 3, 2, 1, 1, 2, 0)	60
19467	(4, 5, 1, 1, 5, 1, 2, 2, 2, 6, 3, 2, 1, 0)	14
19469	(4, 5, 1, 1, 5, 1, 2, 2, 4, 1, 2, 4, 3, 0)	14
19471	(4, 5, 1, 1, 3, 4, 4, 3, 2, 5, 1, 1, 1, 0)	14
19473	(4, 5, 1, 1, 5, 1, 2, 2, 4, 1, 4, 3, 2, 0)	14
19475	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 1, 3, 1, 1, 3, 2, 1, 1, 4, 2, 1, 3, 1, 0)	60
19477	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 2, 6, 0)	48
19479	(4, 5, 1, 1, 5, 1, 2, 2, 4, 3, 5, 1, 1, 0)	14

19481	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 2, 4, 2, 3, 3, 1, 1, 3, 3, 3, 1, 1, 1, 1, 2, 2, 1, 1, 1, 1, 2, 1, 3, 1, 2, 0)	72
19483	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 2, 4, 2, 1, 6, 1, 8, 1, 1, 1, 2, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 1, 1, 2, 1, 0)	72
19485	(4, 5, 1, 1, 3, 6, 3, 2, 1, 3, 2, 1, 3, 0)	14
19487	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 1, 8, 1, 3, 2, 2, 1, 1, 2, 2, 1, 1, 1, 1, 0)	60
19489	(4, 5, 1, 1, 3, 6, 5, 1, 1, 3, 1, 2, 2, 0)	14
19491	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 5, 5, 1, 0)	48
19493	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 6, 2, 2, 1, 3, 1, 2, 2, 1, 1, 4, 0)	43
19495	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 6, 2, 2, 1, 1, 4, 4, 1, 2, 1, 1, 0)	43
19497	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 8, 2, 1, 2, 1, 1, 3, 2, 2, 2, 1, 4, 2, 1, 1, 1, 1, 2, 0)	60
19499	(4, 5, 1, 1, 5, 1, 2, 4, 3, 4, 2, 2, 1, 0)	14
19501	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 3, 1, 3, 2, 3, 2, 1, 1, 2, 3, 2, 3, 0)	43
19503	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 6, 4, 1, 1, 5, 1, 2, 2, 1, 1, 1, 0)	43
19505	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 3, 1, 3, 2, 3, 2, 1, 3, 1, 1, 4, 2, 0)	43
19507	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 3, 1, 3, 2, 3, 2, 1, 3, 1, 3, 3, 1, 0)	43
19509	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 4, 5, 0)	48
19511	(4, 3, 2, 1, 3, 7, 2, 1, 4, 1, 4, 3, 1, 1, 1, 3, 1, 1, 0)	19
19513	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 3, 1, 3, 2, 5, 1, 1, 3, 2, 2, 1, 2, 0)	43
19515	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 1, 3, 1, 1, 1, 1, 4, 3, 1, 1, 1, 1, 1, 4, 3, 1, 2, 2, 1, 1, 1, 1, 4, 1, 2, 1, 0)	55
19517	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 8, 1, 1, 3, 0)	48
19519	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 1, 3, 1, 1, 1, 1, 2, 6, 1, 2, 1, 2, 1, 1, 2, 1, 1, 2, 3, 2, 4, 1, 1, 1, 1, 1, 0)	55
19521	(4, 5, 1, 1, 5, 1, 4, 3, 2, 1, 4, 2, 2, 0)	14
19523	(4, 5, 1, 1, 5, 1, 4, 3, 2, 3, 1, 4, 1, 0)	14

19525	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 3, 3, 4, 0)	48
19527	(10, 1, 3, 3, 1, 2, 1, 4, 1, 1, 2, 1, 2, 1, 5, 1, 1, 3, 1, 1, 2, 1, 2, 1, 1, 2, 1, 2, 2, 2, 2, 1, 1, 3, 1, 2, 1, 3, 2, 1, 2, 2, 1, 1, 0)	45
19529	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 7, 3, 2, 1, 1, 1, 1, 1, 2, 1, 2, 2, 1, 1, 3, 1, 1, 2, 0)	60
19531	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 7, 2, 1, 0)	48
19533	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 1, 4, 2, 1, 3, 1, 2, 1, 3, 3, 0)	24
19535	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 1, 4, 2, 1, 1, 6, 3, 1, 1, 1, 0)	24
19537	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 1, 4, 2, 1, 3, 3, 1, 1, 3, 2, 0)	24
19539	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 2, 2, 1, 1, 1, 1, 4, 3, 2, 2, 1, 3, 2, 1, 1, 1, 2, 1, 1, 1, 3, 1, 0)	36
19541	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 8, 0)	12
19543	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 5, 4, 1, 1, 0)	48
19545	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 1, 3, 2, 2, 3, 2, 2, 2, 1, 1, 2, 1, 3, 2, 2, 1, 1, 1, 1, 2, 1, 4, 1, 2, 0)	36
19547	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 0)	36
19549	(4, 5, 1, 1, 5, 3, 3, 2, 1, 1, 5, 1, 3, 0)	14
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19553	(4, 3, 2, 1, 1, 4, 4, 1, 5, 1, 2, 1, 1, 3, 1, 4, 2, 2, 3, 1, 1, 2, 2, 0)	24
19555	(4, 5, 1, 1, 5, 3, 5, 1, 1, 1, 1, 6, 1, 0)	14
19557	(4, 5, 1, 1, 5, 3, 5, 1, 1, 1, 3, 1, 4, 0)	14
19559	(4, 5, 1, 5, 2, 1, 4, 2, 2, 3, 2, 3, 3, 4, 1, 1, 1, 1, 2, 1, 1, 1, 2, 1, 1, 0)	26
19561	(4, 5, 1, 5, 2, 1, 4, 4, 1, 3, 3, 1, 3, 1, 1, 1, 2, 1, 1, 2, 3, 1, 1, 1, 2, 0)	26
19563	(4, 5, 1, 5, 2, 1, 6, 3, 2, 2, 1, 2, 1, 1, 1, 2, 1, 3, 2, 1, 2, 1, 2, 2, 1, 0)	26
19565	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 3, 1, 1, 1, 1, 1, 3, 1, 3, 3, 1, 1, 2, 2, 1, 1, 2, 4, 2, 2, 1, 1, 1, 1, 1, 2, 2, 1, 4, 1, 1, 1, 1, 1, 1, 2, 3, 0)	65
19567	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 3, 1, 1, 1, 1, 1, 1, 2, 5, 1, 3, 2, 1, 4, 1, 2, 1, 4, 2, 1, 1, 2, 1, 1, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 1, 1, 1, 0)	65
19569	(4, 3, 2, 1, 1, 4, 2, 2, 1, 10, 2, 0)	12

19571	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 3, 3, 4, 1, 2, 1, 2, 4, 2, 1, 1, 1, 1, 1, 2, 1, 1, 1, 1, 1, 2, 1, 1, 4, 2, 2, 2, 3, 1, 0)	72
19573	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 4, 3, 2, 2, 1, 5, 0)	48
19575	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 3, 3, 4, 1, 2, 1, 2, 4, 2, 1, 1, 1, 1, 1, 2, 1, 1, 1, 1, 1, 2, 1, 3, 1, 2, 4, 3, 1, 1, 0)	72
19577	(4, 3, 2, 1, 1, 4, 4, 1, 3, 6, 1, 2, 1, 2, 2, 1, 4, 2, 1, 1, 2, 1, 2, 0)	24
19579	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 3, 3, 4, 1, 2, 1, 2, 4, 2, 1, 1, 1, 1, 1, 2, 1, 1, 1, 1, 1, 2, 1, 3, 3, 3, 2, 1, 2, 1, 0)	72
19581	(4, 3, 2, 1, 1, 4, 4, 1, 5, 3, 1, 1, 1, 5, 1, 2, 1, 3, 2, 1, 1, 1, 3, 0)	24
19583	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 7, 1, 1, 1, 2, 1, 3, 1, 1, 3, 2, 5, 1, 2, 1, 1, 2, 2, 1, 1, 1, 1, 1, 1, 0)	36
19585	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 3, 5, 1, 5, 1, 1, 2, 3, 1, 1, 2, 1, 2, 2, 1, 1, 2, 2, 2, 0)	60
19587	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 2, 2, 1, 3, 2, 1, 1, 2, 4, 4, 1, 0)	60
19589	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 2, 2, 1, 3, 2, 1, 1, 4, 1, 2, 4, 0)	60
19591	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 4, 1, 1, 1, 3, 2, 1, 2, 2, 1, 1, 3, 3, 1, 2, 1, 2, 1, 1, 1, 3, 1, 1, 4, 2, 1, 1, 0)	53
19593	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 1, 6, 1, 3, 1, 2, 5, 2, 1, 1, 3, 2, 2, 3, 1, 1, 3, 1, 1, 1, 1, 1, 1, 1, 1, 1, 3, 1, 2, 1, 2, 1, 1, 3, 1, 1, 2, 3, 3, 1, 2, 1, 1, 2, 1, 1, 1, 2, 3, 1, 1, 1, 1, 2, 1, 1, 2, 0)	101
19595	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 8, 2, 1, 3, 2, 1, 0)	48
19597	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 4, 2, 5, 3, 0)	48
19599	(4, 5, 1, 1, 9, 2, 2, 3, 1, 4, 1, 1, 1, 0)	14
19601	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 3, 1, 1, 2, 1, 2, 2, 2, 1, 4, 1, 2, 1, 1, 2, 3, 2, 0)	36
19603	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 3, 1, 1, 2, 1, 2, 2, 2, 1, 4, 1, 2, 1, 3, 1, 3, 1, 0)	36
19605	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 6, 1, 1, 6, 0)	48

19607	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 4, 8, 1, 1, 0)	48
19609	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 2, 2, 1, 5, 1, 1, 3, 2, 3, 1, 2, 0)	60
19611	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 7, 2, 1, 1, 1, 1, 3, 3, 1, 3, 1, 3, 1, 2, 1, 4, 1, 2, 1, 1, 1, 1, 2, 2, 1, 1, 1, 2, 1, 0)	72
19613	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 1, 2, 3, 4, 2, 1, 1, 2, 2, 1, 1, 1, 3, 1, 2, 1, 3, 0)	36
19615	(4, 5, 1, 1, 3, 4, 2, 2, 2, 2, 1, 1, 5, 1, 2, 1, 2, 1, 1, 3, 3, 2, 1, 1, 3, 1, 1, 6, 3, 1, 2, 1, 2, 4, 2, 1, 1, 1, 1, 2, 1, 2, 1, 1, 1, 2, 1, 1, 1, 2, 1, 1, 1, 1, 0)	55
19617	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 3, 1, 1, 2, 1, 8, 2, 1, 1, 1, 1, 1, 1, 2, 1, 2, 2, 0)	36
19619	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 4, 1, 1, 1, 4, 2, 2, 1, 1, 5, 1, 0)	60
19621	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 4, 1, 1, 1, 4, 4, 1, 1, 1, 1, 4, 0)	60
19623	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 3, 1, 1, 3, 4, 1, 6, 2, 1, 1, 2, 1, 2, 1, 1, 0)	43
19625	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 3, 1, 1, 3, 2, 5, 1, 1, 1, 1, 1, 3, 2, 3, 1, 2, 1, 1, 1, 1, 2, 1, 1, 5, 1, 1, 1, 1, 1, 1, 2, 0)	53
19627	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 1, 4, 1, 1, 3, 1, 2, 4, 2, 2, 2, 1, 0)	60
19629	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 5, 3, 2, 3, 2, 2, 3, 0)	48
19631	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 1, 2, 6, 2, 1, 1, 3, 1, 1, 1, 1, 2, 2, 1, 1, 2, 1, 4, 2, 1, 3, 2, 1, 1, 1, 0)	36
19633	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 5, 5, 1, 1, 2, 4, 2, 0)	48
19635	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 5, 5, 1, 1, 4, 3, 1, 0)	48
19637	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 1, 4, 2, 5, 0)	48
19639	(4, 3, 2, 1, 1, 4, 4, 5, 2, 1, 2, 3, 2, 3, 1, 1, 3, 1, 2, 1, 3, 1, 1, 0)	24
19641	(4, 3, 2, 1, 1, 4, 4, 5, 2, 3, 1, 3, 1, 2, 1, 2, 2, 1, 1, 3, 2, 1, 2, 0)	24
19643	(4, 3, 2, 1, 1, 4, 4, 5, 2, 3, 1, 3, 1, 2, 1, 4, 1, 1, 1, 3, 1, 2, 1, 0)	24
19645	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 3, 1, 7, 1, 1, 1, 1, 1, 2, 3, 2, 2, 1, 1, 3, 0)	43

19647	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 1, 6, 3, 1, 1, 1, 4, 3, 3, 1, 1, 1, 2, 2, 1, 3, 2, 1, 1, 1, 1, 1, 0)	36
19649	(4, 3, 8, 1, 2, 2, 1, 1, 4, 2, 3, 2, 2, 0)	14
19651	(4, 3, 8, 1, 2, 2, 1, 1, 6, 1, 1, 4, 1, 0)	14
19653	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 3, 1, 4, 4, 0)	48
19655	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 9, 2, 3, 2, 2, 1, 1, 0)	48
19657	(4, 3, 8, 1, 2, 2, 1, 3, 1, 6, 1, 1, 2, 0)	14
19659	(4, 3, 8, 1, 2, 2, 1, 3, 3, 1, 4, 2, 1, 0)	14
19661	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 4, 3, 3, 3, 3, 0)	48
19663	(4, 3, 2, 1, 3, 1, 2, 6, 3, 5, 4, 1, 1, 1, 1, 4, 1, 1, 1, 2, 1, 1, 1, 2, 3, 2, 1, 1, 3, 1, 1, 3, 1, 1, 1, 0)	36
19665	(4, 3, 6, 4, 4, 3, 1, 1, 1, 2, 1, 3, 2, 0)	14
19667	(4, 3, 6, 4, 4, 3, 1, 1, 3, 1, 1, 3, 1, 0)	14
19669	(4, 3, 2, 1, 1, 4, 2, 2, 3, 3, 7, 0)	12
19671	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 5, 2, 2, 1, 1, 2, 1, 2, 2, 1, 4, 1, 1, 0)	60
19673	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 1, 1, 1, 1, 4, 2, 1, 1, 1, 1, 2, 1, 5, 1, 2, 0)	36
19675	(4, 3, 8, 1, 4, 1, 1, 5, 3, 1, 1, 2, 1, 0)	14
19677	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 1, 1, 1, 1, 4, 2, 1, 1, 1, 3, 1, 1, 3, 1, 3, 0)	36
19679	(4, 3, 8, 1, 4, 1, 5, 2, 3, 1, 1, 1, 1, 0)	14
19681	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 4, 1, 1, 3, 1, 1, 1, 5, 2, 1, 1, 1, 4, 1, 1, 1, 1, 2, 3, 1, 1, 1, 1, 1, 2, 2, 0)	48
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19687	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 1, 2, 1, 1, 1, 1, 1, 3, 1, 4, 2, 2, 2, 2, 1, 1, 2, 1, 1, 0)	36
19689	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 9, 2, 1, 1, 2, 3, 1, 4, 1, 1, 1, 4, 1, 2, 1, 1, 1, 1, 1, 1, 1, 1, 2, 1, 1, 2, 2, 4, 2, 1, 1, 1, 2, 0)	72
19691	(4, 3, 8, 7, 2, 1, 1, 2, 1, 1, 2, 2, 1, 0)	14
19693	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 1, 2, 3, 2, 1, 5, 1, 2, 3, 0)	24
19695	(4, 3, 2, 1, 3, 1, 4, 1, 2, 5, 2, 3, 4, 4, 2, 2, 1, 4, 1, 3, 1, 1, 1, 1, 2, 2, 1, 1, 1, 1, 1, 2, 1, 1, 1, 0)	36

19697	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 1, 2, 5, 1, 1, 1, 2, 5, 2, 0)	24
19699	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 2, 5, 1, 4, 3, 1, 1, 2, 3, 1, 0)	24
19701	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 1, 2, 5, 1, 1, 3, 1, 1, 5, 0)	24
19703	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 1, 2, 3, 2, 5, 2, 3, 1, 1, 0)	24
19705	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 1, 2, 1, 1, 1, 2, 1, 4, 1, 2, 3, 5, 1, 1, 1, 1, 1, 2, 1, 1, 2, 3, 1, 2, 1, 2, 0)	72
19707	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 1, 2, 1, 1, 1, 2, 1, 4, 1, 2, 3, 3, 2, 1, 1, 1, 5, 1, 2, 1, 1, 1, 2, 1, 2, 1, 0)	72
19709	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 2, 2, 1, 1, 1, 1, 1, 2, 4, 1, 2, 2, 1, 3, 2, 3, 1, 1, 1, 1, 3, 0)	77
19711	(8, 2, 5, 1, 1, 2, 1, 4, 2, 1, 2, 2, 3, 2, 5, 1, 2, 1, 3, 2, 1, 1, 2, 1, 3, 1, 1, 1, 1, 1, 1, 1, 0)	33
19713	(4, 3, 2, 1, 7, 2, 2, 5, 1, 2, 2, 1, 1, 1, 3, 2, 2, 2, 0)	19
19715	(4, 3, 2, 1, 7, 2, 2, 5, 1, 4, 1, 1, 1, 1, 1, 2, 4, 1, 0)	19
19717	(4, 3, 2, 1, 1, 4, 2, 2, 7, 2, 4, 0)	12
19719	(8, 2, 5, 1, 1, 2, 3, 3, 3, 1, 1, 2, 1, 1, 2, 1, 2, 5, 1, 1, 1, 4, 2, 1, 1, 1, 1, 1, 3, 2, 1, 1, 0)	33
19721	(4, 3, 2, 1, 7, 4, 1, 1, 2, 5, 1, 2, 2, 2, 2, 1, 1, 2, 0)	19
19723	(4, 3, 2, 1, 7, 4, 1, 3, 1, 3, 1, 1, 2, 2, 2, 3, 2, 1, 0)	19
19725	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 1, 3, 1, 2, 2, 1, 4, 3, 0)	24
19727	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 1, 1, 4, 2, 6, 1, 1, 1, 0)	24
19729	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 1, 3, 1, 2, 2, 3, 3, 2, 0)	24
19731	(8, 2, 3, 6, 2, 1, 2, 2, 1, 2, 1, 1, 3, 1, 2, 1, 2, 1, 3, 1, 2, 1, 1, 3, 2, 2, 1, 1, 2, 1, 3, 1, 0)	33
19733	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 1, 2, 1, 3, 6, 0)	48
19735	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 1, 3, 1, 4, 1, 5, 1, 1, 0)	24
19737	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 1, 6, 2, 1, 4, 2, 1, 1, 3, 1, 2, 0)	24
19739	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 4, 1, 1, 1, 1, 1, 3, 2, 1, 1, 5, 3, 2, 2, 1, 1, 1, 1, 1, 2, 1, 0)	77
19741	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 3, 1, 1, 5, 2, 1, 1, 1, 1, 1, 1, 1, 4, 2, 2, 2, 1, 1, 1, 2, 1, 1, 2, 2, 1, 3, 0)	72
19743	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 2, 3, 1, 3, 1, 3, 7, 2, 1, 1, 1, 1, 0)	24

19745	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 4, 3, 6, 1, 2, 2, 0)	48
19747	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 4, 5, 1, 2, 5, 1, 0)	48
19749	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 4, 5, 3, 1, 1, 4, 0)	48
19751	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 2, 4, 2, 3, 3, 1, 1, 3, 3, 1, 2, 1, 1, 0)	60
19753	(4, 3, 2, 1, 15, 1, 1, 3, 1, 1, 1, 1, 3, 1, 1, 1, 1, 2, 0)	19
19755	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 1, 4, 2, 2, 4, 2, 2, 1, 1, 1, 2, 1, 2, 2, 1, 3, 2, 2, 1, 0)	43
19757	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 1, 2, 5, 2, 3, 0)	48
19759	(10, 1, 1, 4, 2, 3, 1, 1, 1, 2, 2, 1, 2, 5, 3, 2, 1, 1, 1, 3, 3, 1, 1, 2, 1, 1, 2, 2, 2, 1, 1, 1, 0)	33
19761	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 4, 3, 3, 1, 1, 1, 3, 1, 1, 2, 1, 4, 2, 0)	60
19763	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 4, 3, 3, 1, 1, 1, 3, 1, 1, 2, 3, 3, 1, 0)	60
19765	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 1, 3, 5, 0)	48
19767	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 2, 2, 1, 4, 1, 6, 1, 2, 3, 1, 2, 1, 1, 3, 1, 1, 0)	60
19769	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 1, 3, 1, 2, 4, 1, 1, 6, 1, 1, 2, 3, 1, 1, 1, 1, 2, 2, 1, 2, 0)	43
19771	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 1, 8, 1, 2, 1, 0)	48
19773	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 8, 2, 3, 1, 1, 3, 0)	48
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19777	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 6, 2, 1, 3, 1, 5, 2, 2, 0)	48
19779	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 1, 1, 2, 1, 1, 3, 2, 2, 3, 1, 2, 1, 4, 1, 0)	43
19781	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 1, 3, 1, 1, 1, 1, 4, 1, 2, 1, 1, 1, 3, 4, 0)	43

19783	(4, 3, 2, 1, 1, 6, 3, 2, 4, 2, 1, 3, 4, 2, 1, 3, 1, 1, 1, 2, 2, 1, 1, 0)	24
19785	(4, 3, 2, 1, 1, 6, 3, 2, 6, 1, 1, 3, 1, 3, 2, 1, 1, 1, 2, 3, 1, 1, 2, 0)	24
19787	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 1, 3, 1, 1, 1, 1, 4, 1, 2, 1, 1, 5, 2, 1, 0)	43
19789	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 1, 3, 1, 1, 1, 1, 4, 3, 1, 1, 1, 1, 3, 3, 0)	43
19791	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 1, 2, 1, 1, 1, 3, 4, 2, 1, 2, 1, 2, 2, 1, 1, 2, 1, 3, 1, 1, 1, 1, 2, 6, 1, 2, 3, 1, 1, 1, 0)	43
19793	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 4, 2, 3, 2, 4, 1, 2, 1, 1, 1, 2, 2, 3, 1, 2, 1, 1, 2, 1, 1, 1, 5, 1, 3, 1, 1, 1, 2, 3, 2, 2, 1, 3, 1, 1, 1, 1, 2, 1, 1, 1, 1, 1, 3, 2, 0)	89
19795	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 1, 2, 2, 4, 2, 3, 2, 4, 1, 2, 1, 1, 1, 2, 2, 3, 1, 2, 1, 1, 2, 1, 1, 1, 5, 1, 3, 1, 1, 1, 2, 3, 2, 2, 1, 3, 1, 1, 1, 3, 1, 1, 1, 1, 1, 1, 3, 1, 0)	89
19797	(4, 3, 2, 1, 3, 11, 0)	7
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19801	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 8, 1, 1, 3, 2, 4, 1, 2, 0)	48
19803	(10, 1, 3, 3, 1, 2, 1, 4, 1, 1, 2, 1, 2, 1, 5, 1, 1, 3, 1, 1, 2, 1, 2, 1, 3, 1, 3, 2, 1, 1, 2, 1, 0)	33
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19807	(4, 3, 2, 1, 1, 6, 5, 5, 1, 2, 1, 1, 1, 1, 3, 2, 1, 2, 5, 1, 1, 1, 1, 0)	24
19809	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 8, 1, 5, 2, 1, 1, 2, 2, 0)	48
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19815	(10, 1, 3, 3, 1, 2, 1, 2, 2, 3, 4, 2, 1, 2, 1, 5, 1, 1, 2, 1, 2, 3, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 0)	33
19817	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 0)	24
19819	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 3, 1, 1, 5, 4, 1, 2, 1, 1, 1, 3, 3, 2, 1, 1, 1, 1, 1, 3, 1, 2, 2, 1, 0)	43
19821	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 1, 3, 2, 2, 3, 2, 2, 2, 1, 1, 2, 3, 0)	24
19823	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 4, 1, 3, 2, 1, 2, 4, 1, 2, 2, 4, 1, 2, 1, 1, 1, 0)	60
19825	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 3, 3, 2, 1, 2, 6, 2, 0)	48
19827	(4, 5, 1, 5, 2, 1, 4, 2, 2, 3, 2, 3, 1, 0)	14
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19831	(4, 5, 1, 5, 2, 1, 4, 4, 1, 3, 3, 1, 1, 0)	14
19833	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 1, 4, 1, 5, 1, 3, 2, 1, 1, 5, 1, 1, 1, 1, 2, 1, 2, 0)	60
19835	(4, 5, 1, 5, 2, 1, 6, 3, 2, 2, 1, 2, 1, 0)	14
19837	(4, 5, 1, 5, 2, 3, 1, 2, 6, 1, 1, 1, 3, 0)	14
19839	(4, 3, 2, 1, 1, 4, 2, 2, 3, 7, 2, 2, 1, 1, 1, 1, 1, 1, 1, 3, 3, 1, 1, 1, 2, 3, 1, 3, 1, 1, 1, 1, 1, 3, 1, 3, 3, 1, 1, 2, 2, 1, 1, 2, 4, 4, 1, 1, 1, 1, 1, 1, 0)	53
19841	(4, 5, 1, 5, 2, 3, 1, 4, 3, 1, 2, 2, 2, 0)	14
19843	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 3, 3, 2, 3, 3, 4, 1, 0)	48
19845	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 5, 7, 1, 1, 1, 2, 1, 1, 2, 1, 1, 2, 4, 0)	24
19847	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 3, 3, 2, 7, 2, 1, 1, 0)	48
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19853	(4, 3, 2, 1, 1, 4, 4, 1, 3, 6, 3, 0)	12
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19857	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 3, 5, 1, 3, 2, 3, 2, 0)	48
19859	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 1, 3, 5, 1, 5, 1, 3, 1, 0)	48
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19863	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 4, 1, 2, 1, 1, 4, 1, 1, 1, 3, 2, 1, 2, 2, 1, 1, 1, 6, 1, 1, 0)	41
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19877	(4, 3, 2, 1, 3, 1, 2, 4, 6, 1, 2, 2, 2, 1, 1, 3, 1, 1, 4, 1, 1, 1, 4, 0)	24
19879	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 3, 2, 2, 1, 7, 2, 1, 1, 1, 1, 3, 3, 1, 1, 2, 3, 2, 1, 2, 1, 1, 0)	60
19881	(4, 3, 2, 1, 3, 1, 2, 4, 6, 1, 2, 2, 2, 1, 1, 1, 8, 1, 1, 1, 1, 1, 2, 0)	24
19883	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 1, 1, 7, 2, 1, 1, 2, 2, 1, 2, 2, 1, 2, 2, 1, 1, 4, 1, 3, 1, 1, 1, 1, 3, 1, 2, 2, 1, 2, 1, 1, 3, 1, 1, 2, 2, 2, 2, 1, 1, 1, 1, 1, 1, 1, 2, 3, 1, 2, 1, 1, 2, 2, 2, 1, 0)	101
19885	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 1, 6, 1, 2, 2, 3, 0)	24
19887	(4, 3, 2, 1, 1, 4, 2, 2, 1, 6, 1, 1, 1, 2, 2, 2, 1, 2, 1, 2, 2, 6, 1, 2, 1, 1, 2, 2, 2, 2, 3, 1, 1, 1, 1, 4, 2, 1, 1, 1, 0)	41
19889	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 1, 2, 3, 4, 2, 0)	24
19891	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 1, 2, 5, 3, 1, 0)	24
19893	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 3, 3, 1, 1, 2, 5, 0)	24
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19901	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 1, 4, 1, 1, 2, 2, 3, 3, 1, 2, 1, 1, 3, 0)	24
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19911	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 1, 2, 1, 7, 2, 2, 2, 1, 1, 0)	24
19913	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 1, 6, 1, 2, 1, 3, 4, 1, 1, 2, 0)	24
19915	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 1, 6, 3, 1, 1, 1, 2, 4, 2, 1, 0)	24
19917	(4, 3, 2, 1, 1, 4, 4, 5, 2, 3, 3, 0)	12
19919	(4, 3, 2, 1, 3, 1, 2, 6, 1, 8, 1, 1, 1, 1, 4, 2, 1, 2, 1, 3, 1, 1, 1, 0)	24
19921	(4, 3, 2, 1, 1, 4, 4, 7, 1, 3, 2, 0)	12
19923	(4, 3, 2, 1, 3, 1, 2, 6, 3, 1, 3, 3, 4, 1, 1, 1, 2, 2, 2, 1, 1, 3, 1, 0)	24
19925	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 3, 1, 7, 0)	31
19927	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 1, 4, 6, 1, 1, 2, 1, 4, 1, 1, 4, 1, 1, 0)	24

19929	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 4, 1, 1, 1, 2, 1, 1, 1, 1, 2, 1, 6, 1, 2, 0)	36
19931	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 1, 2, 3, 3, 1, 1, 3, 6, 1, 1, 2, 1, 0)	24
19933	(4, 3, 2, 1, 3, 3, 3, 4, 2, 1, 1, 1, 1, 1, 1, 2, 4, 2, 2, 1, 3, 4, 1, 1, 1, 2, 1, 1, 1, 1, 2, 3, 3, 1, 3, 0)	36
19935	(4, 3, 2, 1, 3, 1, 2, 6, 3, 5, 4, 1, 1, 1, 1, 4, 1, 1, 3, 1, 1, 1, 1, 0)	24
19937	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 1, 6, 1, 4, 2, 3, 1, 3, 1, 1, 1, 2, 2, 0)	24
19939	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 3, 7, 1, 0)	31
19941	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 3, 2, 2, 6, 1, 3, 2, 1, 2, 3, 1, 1, 1, 1, 1, 3, 1, 1, 1, 2, 1, 2, 1, 1, 1, 2, 1, 4, 0)	41
19943	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 1, 6, 3, 3, 1, 2, 3, 3, 1, 1, 2, 1, 1, 0)	24
19945	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 3, 2, 2, 4, 2, 1, 4, 1, 2, 3, 1, 1, 2, 3, 1, 1, 3, 1, 1, 1, 2, 2, 1, 2, 1, 1, 1, 2, 0)	41
19947	(4, 3, 2, 1, 1, 4, 2, 2, 1, 4, 2, 1, 3, 2, 2, 6, 1, 3, 2, 1, 2, 1, 2, 1, 1, 1, 1, 5, 3, 1, 1, 2, 1, 1, 1, 1, 1, 2, 2, 1, 0)	41
19949	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 5, 3, 2, 2, 2, 3, 3, 2, 1, 2, 1, 1, 1, 1, 1, 1, 2, 2, 1, 2, 3, 0)	60
19951	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 2, 2, 3, 2, 2, 1, 4, 3, 6, 2, 1, 1, 1, 1, 1, 1, 1, 1, 2, 2, 2, 4, 2, 1, 1, 1, 2, 2, 1, 1, 2, 1, 1, 1, 0)	77
19953	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 1, 2, 1, 5, 2, 0)	48
19955	(4, 3, 2, 1, 1, 4, 10, 1, 2, 3, 1, 0)	12
19957	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 3, 5, 2, 2, 3, 1, 1, 1, 5, 0)	48
19959	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 1, 3, 2, 4, 1, 1, 2, 3, 1, 1, 0)	24
19961	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 3, 1, 1, 1, 2, 2, 4, 2, 1, 2, 1, 2, 0)	24
19963	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 3, 1, 1, 1, 2, 4, 3, 1, 2, 1, 2, 1, 0)	24
19965	(4, 3, 2, 1, 3, 1, 4, 1, 2, 7, 1, 1, 2, 5, 2, 1, 3, 1, 1, 1, 1, 1, 3, 0)	24
19967	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 1, 9, 2, 1, 1, 2, 3, 1, 4, 1, 1, 1, 4, 3, 1, 1, 1, 1, 1, 1, 1, 1, 0)	60
19969	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 1, 1, 1, 2, 3, 2, 4, 1, 1, 4, 1, 2, 3, 2, 1, 1, 1, 4, 1, 1, 5, 1, 1, 1, 1, 3, 1, 2, 1, 1, 1, 3, 2, 1, 1, 1, 2, 2, 2, 2, 0)	77
19971	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 5, 2, 4, 1, 0)	31
19973	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 1, 2, 1, 1, 1, 2, 1, 4, 1, 2, 1, 2, 2, 4, 0)	60

19975	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 2, 2, 1, 5, 4, 2, 2, 1, 1, 2, 4, 1, 1, 1, 1, 2, 2, 2, 1, 1, 2, 2, 3, 2, 1, 1, 0)	60
19977	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 1, 2, 1, 1, 1, 2, 1, 2, 4, 4, 2, 1, 1, 2, 0)	60
19979	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 1, 2, 1, 1, 1, 2, 1, 4, 1, 2, 3, 3, 2, 1, 0)	60
19981	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 5, 1, 1, 1, 3, 4, 3, 0)	31
19983	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 1, 2, 1, 1, 1, 2, 1, 4, 3, 1, 5, 1, 1, 1, 0)	60
19985	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 5, 1, 1, 1, 5, 3, 2, 0)	31
19987	(4, 3, 2, 1, 3, 1, 4, 3, 1, 1, 3, 3, 1, 3, 6, 1, 1, 1, 2, 2, 1, 3, 1, 0)	24
19989	(4, 3, 2, 1, 3, 1, 4, 1, 2, 1, 3, 6, 2, 4, 1, 1, 1, 1, 5, 1, 1, 1, 2, 1, 1, 3, 2, 3, 1, 1, 2, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 4, 3, 1, 1, 2, 2, 1, 2, 1, 1, 1, 1, 1, 2, 2, 1, 1, 1, 1, 2, 6, 0)	65
19991	(8, 2, 5, 1, 1, 2, 3, 3, 3, 1, 1, 2, 1, 1, 2, 1, 2, 5, 1, 1, 0)	21
19993	(8, 2, 5, 1, 1, 2, 3, 3, 3, 1, 1, 2, 1, 1, 2, 3, 1, 3, 1, 2, 0)	21
19995	(8, 2, 3, 2, 3, 6, 1, 1, 4, 1, 1, 3, 1, 3, 1, 1, 1, 1, 2, 1, 0)	21
19997	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 5, 1, 1, 5, 2, 1, 3, 0)	31
19999	(8, 2, 3, 2, 5, 1, 6, 1, 3, 1, 1, 2, 1, 2, 2, 2, 1, 1, 1, 1, 0)	21
20001	(4, 5, 1, 1, 3, 4, 2, 2, 4, 1, 1, 1, 3, 1, 1, 1, 1, 1, 2, 1, 2, 1, 1, 3, 2, 1, 1, 1, 2, 1, 1, 2, 1, 4, 1, 1, 1, 7, 1, 1, 3, 1, 2, 1, 1, 1, 2, 1, 1, 3, 1, 3, 2, 1, 2, 3, 1, 2, 2, 0)	60